TA-F444ESX/F700ES

SERVICE MANUAL

TA-F444ESX:
E Model

TA-F700ES:
US Model
Canadian Model
AEP Model
UK Model

Photo: TA-F444ESX

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS (US Model)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 4 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 140 watts per channel minimum RMS power, with no more than 0.008% total harmonic distortion from 250 milliwatts to rated output.
With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 105 watts per channel minimum RMS power, with no more than 0.004% total harmonic distortion from 250 milliwatts to rated output.

OTHER SPECIFICATIONS

Item	Condition	Data
Continuous RMS power output (both channels driven simultaneously)	4 ohms 20 Hz – 20 kHz THD 0.008% 0.009% (G-AEP)	145 W + 145 W (AEP, G-AEP, UK, E)
	6 ohms 20 Hz – 20 kHz THD 0.006% 0.008% (G-AEP)	125 W + 125 W (AEP, G-AEP, UK, E)
		120 W + 120 W (US, Canadian, North European contries)
	8 ohms 20 Hz – 20 kHz THD 0.004% 0.006% (G-AEP)	110 W + 110 W (AEP, G-AEP, UK, E)
		105 W + 105 W (US, Canadian, North European contries)
Power band - width (IHF)	4 ohms, 0.02%	10 Hz – 100 kHz
	8 ohms, THD 0.02%	10 Hz – 100 kHz
Dynamic headroom ('78 IHF)	4 ohms	3 dB
	8 ohms	2 dB
Total harmonic distortion	4 ohms, at 10 watt output	0.006%
	6 ohms, at 10 watt output	0.004%
	8 ohms, at 10 watt output	0.002%

– Continued on page 2 –

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT A LA SECURITE!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

MICROFILM

INTEGRATED STEREO AMPLIFIER

SONY®

AUD

Intermodulation (IM) distortion 60 Hz: 7 kHz = 4 . 1	4 ohms at rated output			0.008% 0.009% (G-AEP)
	6 ohms at rated output			0.006% 0.008% (G-AEP)
	8 ohms at rated output			0.004% 0.006% (G-AEP)
Damping factor	8 ohms, 1 kHz			100
Slew rate	—			125 V/μsec 250 V/μsec (inside)
Residual noise	network A			less than 115 μV
Frequency response	PHONO MM			RIAA equalization curve ±0.2 dB
	TUNER, CD, TAPE 1, 2, 3			2 Hz - 200 kHz $^{+0}_{-3}$ dB
				2 Hz - 100 kHz $^{+0}_{-3}$ dB (G-AEP)
Input sensitivity	PHONO	MC	3 ohms	0.17 mV, 33 ohms (G-AEP)
				0.17 mV, 100 ohms (US, Canadian AEP, UK, E)
			40 ohms	0.17 mV, 100 ohms (G-AEP)
				0.17 mV, 1 kohm (US, Canadian AEP, UK, E)
		MM		2.5 mV, 50 kohms
	TUNER, CD, AUX, TAPE 1, 2, 3 ADAPTOR IN			150 mV, 50 kohms
Maximum input capability (1 kHz)	PHONO (1 KHz, THD 0.003%)	MC		9 mV
		MM		150 mV
S/N (network)	PHONO	MC		76 dB , 68 dB (A)
		MM		80 dB , 87 dB (A)
78 IHF	TUNER, CD, AUX, TAPE 1, 2, 3 ADAPTOR IN			84 dB , 105 dB (A)
Output voltage impedance	REC OUT 1, 2, 3 ADAPTOR OUT			150 mV, 1 kohm
	HEADPHONES			25 milliwatts (at 8 ohms) Accepts low and high impedance headphones
Tone controls	BASS, at 100 Hz			$^{+4}_{-3.5}$ dB (turnover frq. 200 Hz)
				$^{+6}_{-5}$ dB (turnover frq. 400 Hz)
	TREBLE, at 10 kHz			$^{+7}_{-8}$ dB (turnover frq. 3 kHz)
				$^{+4}_{-5}$ dB (turnover frq. 5 kHz)
SUBSONIC filter	—			6 dB/octave attenuation below 15 Hz

General

System
Preamplifier section: Low-noise FET high gain NFB type equalizer amplifier, passive type direct tone control
Power amplifier section: purecomplementary SEPP power amplifier

Power requirements
US, Canadian Model: 120V AC, 60Hz
AEP, G-AEP Model: 220V AC, 50/60Hz
UK Model: 240V AC, 50Hz
E Model: 120, 220, or 240V AC adjustable, 50/60Hz

Power consumption
US Model: 330 watts
Canadian Model: 760VA
G-AEP Model: 390 watts
UK Model: 350 watts
AEP Model: 270 watts
E Model: 390 watts

AC outlets
US Canadian Model:
2 switched, total 100 watts max.,
2 unswitched, total 100 watts max.
AEP, G-AEP, UK Model: 1 switched, 100 watts max.
E Model: 1 switched, 100 watts max.
1 unswitched, 100 watts max.

Dimensions
Approx. 430 × 160 × 436 mm (w/h/d)
(17 × 6 3/8 × 17 1/4 inches)
including projecting parts and controls

Weight
Approx. 18.3 kg (40 lbs 6 oz) net

FEATURES

Newly developed technologies assure excellent performance and tone quality

Pure sound
A head chassis, named "Gibraltar" which provides high rigidity and periodic damping characteristics, is employed to reduce distortion caused by vibrations.
This reduces air vibrations caused by floor and speakers and also reduces vibrations caused by the power transformer and power transistors.

Spontaneous twin drive power circuit
Condensers having large capacity are used for the voltage amplification drive stage of class A and power output stage of class B. Thus, a stable output and high quality sound are obtained, resulting in exclusion of power interferences.
The class A stage realizes a stable operation free from interference of the power stage even when an instantaneous or strong output is received.

Simple and direct tone control
The tone controls consist of only passive elements to minimize the deterioration of tone quality at the tone control circuit.
Tone control elements can be passed by depressing the tone switch.

Source direct switch
A source direct switch is employed to reproduce high fidelity sound.
Any source can be reproduced without passing through the circuits of tone control, subsonic filter, mode switch and balance control.

Super legato linear system
The power amplifier drives low impedance speakers and assures powerful reproduction without low crossover distortion and switching distortion over the wide range.
(Low impedance instantaneous service output 350 W + 350 W, 1 ohm loaded)

SAFETY CHECK-OUT (US Model)

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

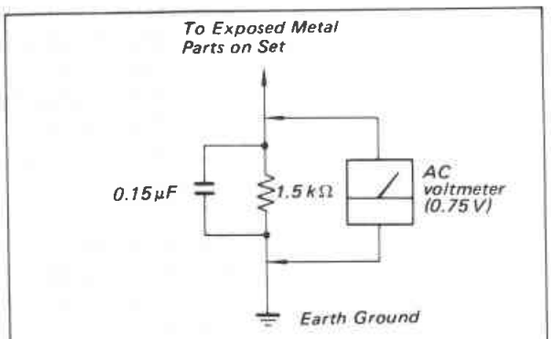
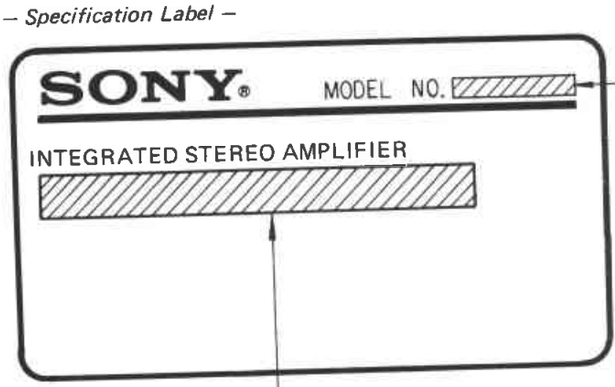


Fig. A. Using an AC voltmeter to check AC leakage.

MODEL IDENTIFICATION

– Specification Label –



E Model: TA-F444ESX
US Model: TA-F700ES
Canadian Model: TA-F700ES
AEP Model: TA-F700ES
UK Model: TA-F700ES
G-AEP Model: TA-F700ES

US Model	: AC120V	60Hz	330W
Canadian Model	: AC120V	60Hz	760VA
AEP Model	: AC220V	50/60Hz	270W
G-AEP Model	: AC220/240V	50/60Hz	390W
UK Model	: AC220/240V	50/60Hz	350W
E Model	: AC120/220/240V	50/60Hz	390W

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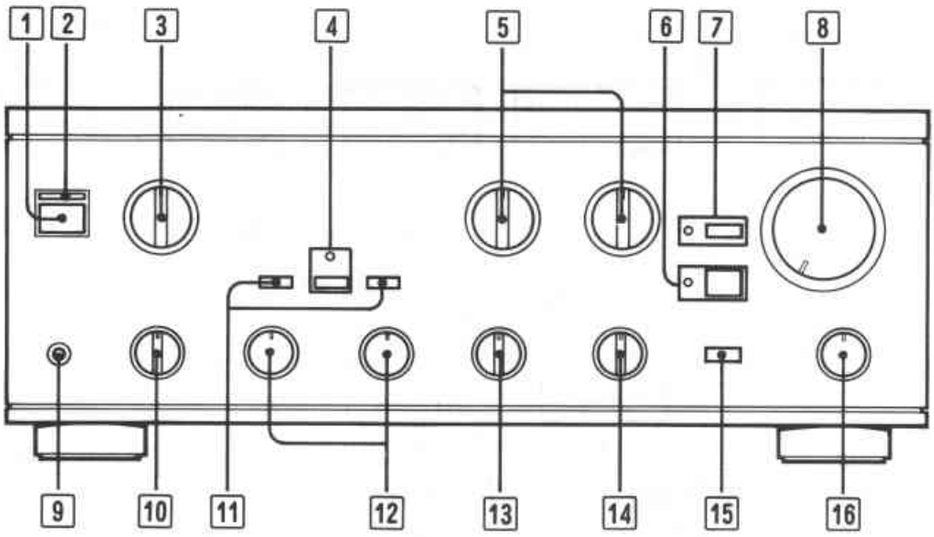
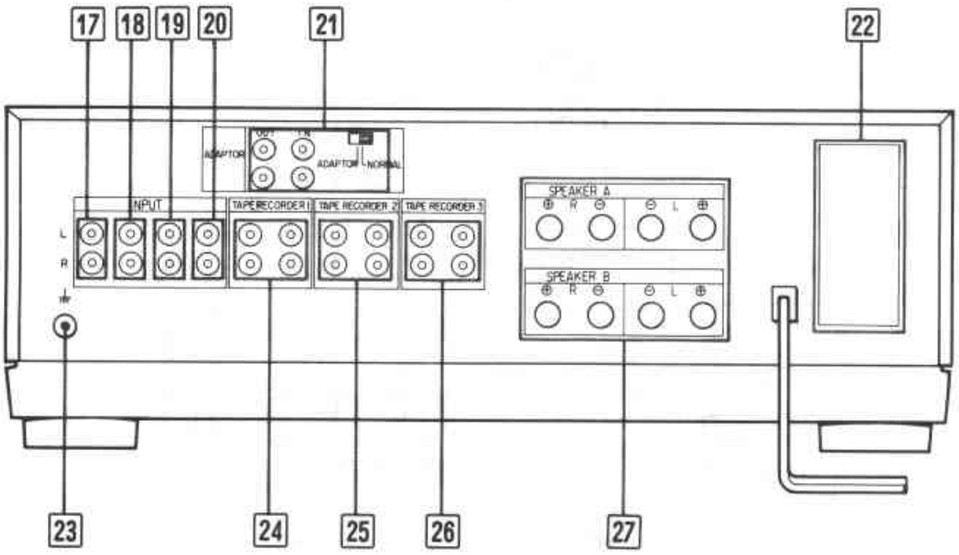
FUNCTION OF CONTROLS

Front panel / Panneau avant / Vorderseite / Panel frontal / Voorpaneel



Rear panel / Panneau arrière / Rückseite / Panel posterior / Achterpaneel



Front panel

1 POWER switch

2 Power/standby indicator
Immediately after turning ON the power, the standby indicator lights in red as the built-in muting circuit activates.
When the amplifier stays in a stable operating condition, the indicator lights in green.
The indicator lights in red when the unit detects shorting of circuit of the speaker outputs or in case of short-circuit of the inputs of DC components.
In such a case, disconnect the power source and check the connected components and speaker systems.

3 SPEAKERS selector
Select speaker system A or B, or both.
For headphone monitoring only, set the selector to OFF.

4 TONE switch and indicator
Depress the switch to activate the tone control circuit.
Red indicator lights.

5 INPUT SELECTOR and TAPE input selector
To select the desired program source, use the INPUT SELECTOR.
To select TAPE 1, 2 or 3, set the INPUT SELECTOR to TAPE and set the TAPE input selector to the desired tape input position.

6 SOURCE DIRECT switch and indicator
Depress the switch. The red indicator lights and the circuits of the TONE switch, SUBSONIC filter switch, BALANCE control and MODE switch are disengaged without regard to the setting of the switches.
When this switch is activated, the indicator of the TONE switch does not light.

7 MUTING switch and indicator
Generally, keep the switch released (OFF).
Depress the switch to reduce the sound level by 20dB. (Output voltage becomes 1/10.)

8 ATTENUATOR knob
Regulates the sound level.

9 HEADPHONES jack (stereo phone jack)

10 MODE selector
STEREO: For listening to a stereo program.
MONO: For listening to a monaural program.

11 TURNOVER frequency selection switches
Switch the turnover frequency.

12 BASS and TREBLE controls
These controls activate when the TONE switch is depressed.

13 REC OUT SELECTOR
Selects the program source sent to the REC OUT jacks (rear panel).

14 CARTRIDGE LOAD selector
Set the selector according to your cartridge.
MM: For moving-magnet type cartridge
MC: For moving-coil type cartridge
40 Ω: For a cartridge with an impedance of 40 ohms or more.
3 Ω: For a cartridge with an impedance of 3 ohms to 40 ohms.

15 SUBSONIC filter switch
Depress the switch to reduce unwanted noise components of less than 15Hz, which cause modulation noise.

16 BALANCE control
Controls the sound level of left and right speakers.

Rear panel

17 PHONO input jacks

18 TUNER input jacks

19 CD (Compact Disc) input jacks

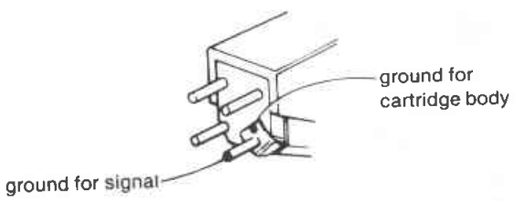
20 AUX (Auxiliary) input jacks

21 ADAPTOR IN/OUT (input and output) jacks and adaptor switch
The OUT jacks output the signals selected by the INPUT SELECTOR on the front panel and the IN jacks receive the signals.
When an additional equipment such as a graphic equalizer is connected, set the adaptor switch to ADAPTOR.
When the jacks are not used, set the switch to NORMAL.

22 AC OUTLET(s) and VOLTAGE SELECTOR (E Model)
The AC OUTLET is used to power other audio components whose total power consumption is less than the wattage indicated near the AC OUTLET.

23 Ground terminal ⏚
To prevent hum, be sure to connect the ground wire of the turntable system to this ground terminal. If hum still exists, it may be helpful to connect the ground terminal directly to earth via a ground rod.

Note
In some particular MM cartridges, the ground for signal is connected to the ground for cartridge body.
If this type of cartridge should be installed to a metal cartridge shell, current will flow through the tonearm ground in a loop and will cause hum noise. In this case, disconnect the turntable ground wire from the ⏚ terminal of the amplifier, or disconnect the ground for cartridge body from the ground for signal.



24 25 26 TAPE RECORDER 1, 2, 3 input/output jacks
REC OUT (recording output) jacks: Accept the tape input jacks of the tape recorder.
To connect a hi-fi video cassette recorder, connect the audio line input jacks of the video cassette recorder to these jacks.
TAPE (tape input) jacks: Accept the REC output jacks of the tape recorder.
To connect a hi-fi video cassette recorder, video disc player or TV tuner, connect the audio line output jacks of each equipment to these jacks.

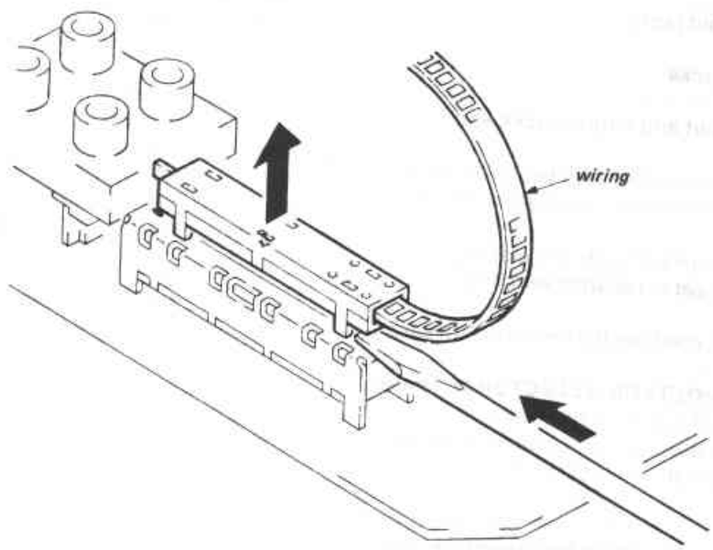
27 SPEAKER output terminals
Two pairs of speaker systems can be connected.
System A, system B or system A and B can be selected by means of the front panel SPEAKERS selector.

NOTE ON REPAIRING
DISASSEMBLY AND ASSEMBLY FOR SWITCH SECTION

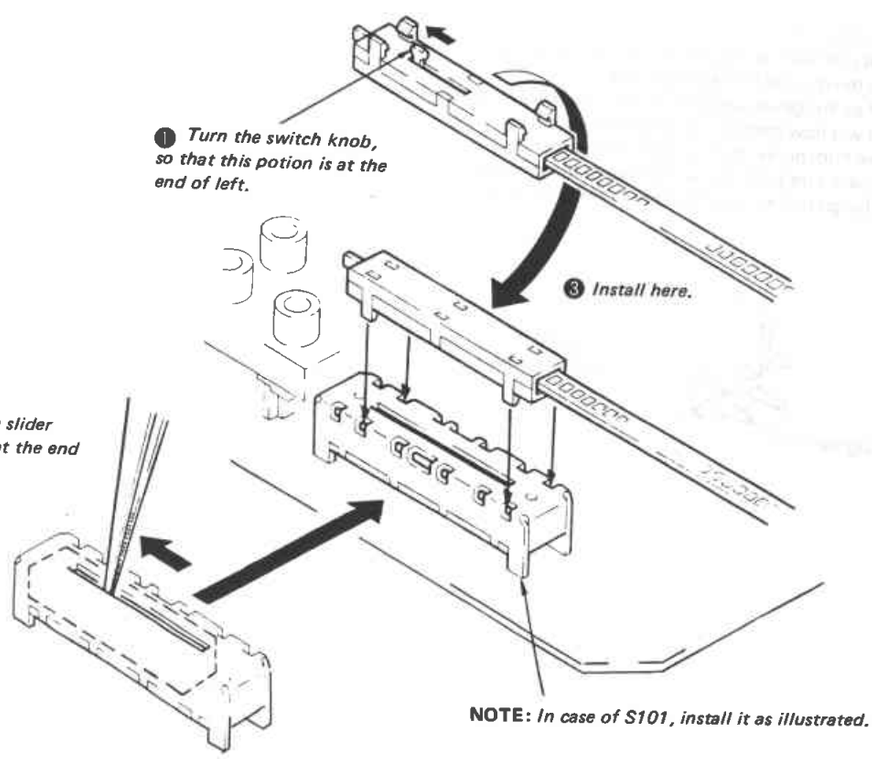
Note: Follow the assembly procedure in the numerical order given.

DISASSEMBLY

Insert in the screwdriver and remove the wiring as illustrated below
CAUTION: Don't pull the wiring. It causes the wiring damage.

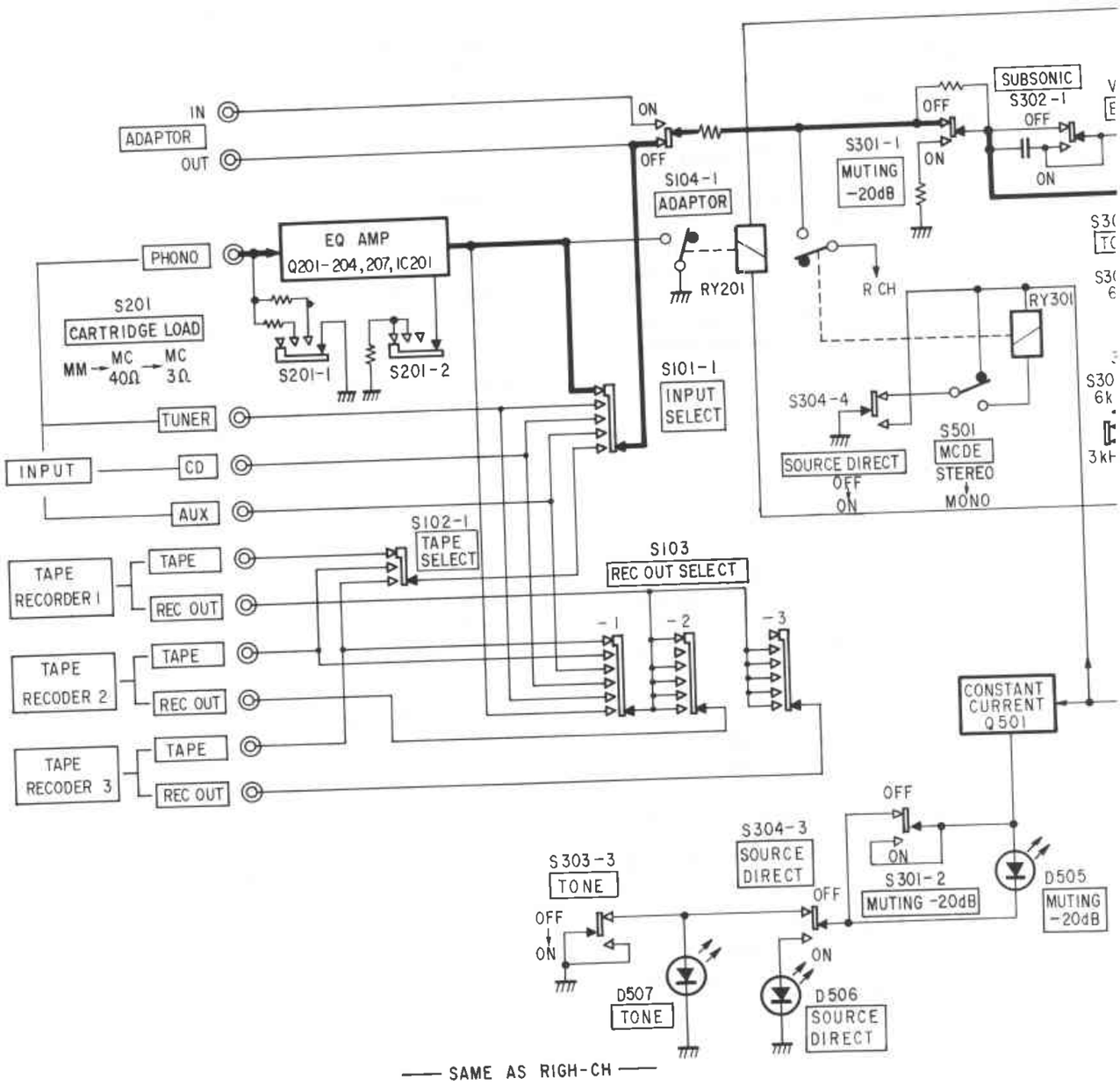


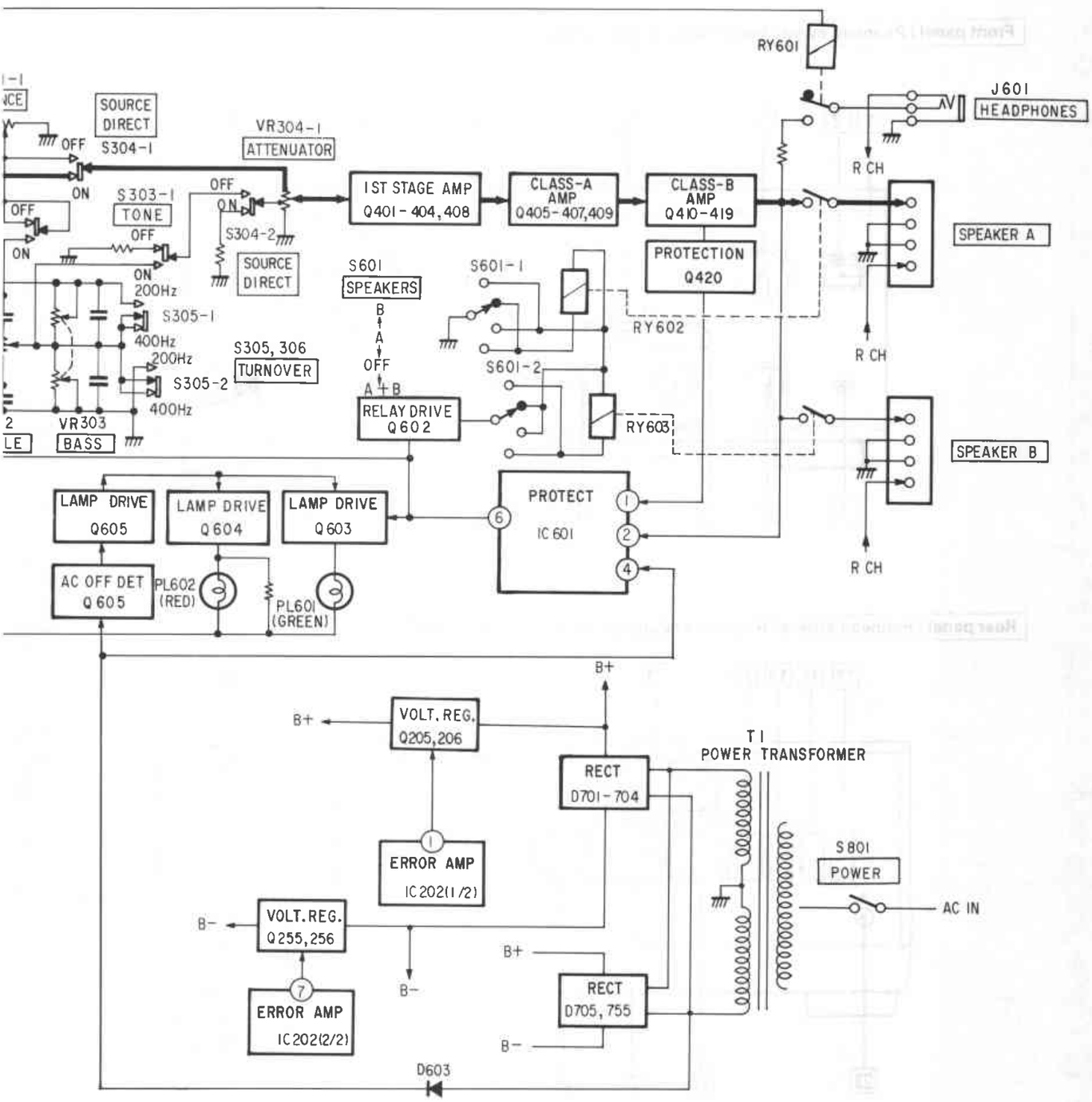
ASSEMBLY



NOTE: *In case of S101, install it as illustrated.*

SECTION 1
BLOCK DIAGRAM



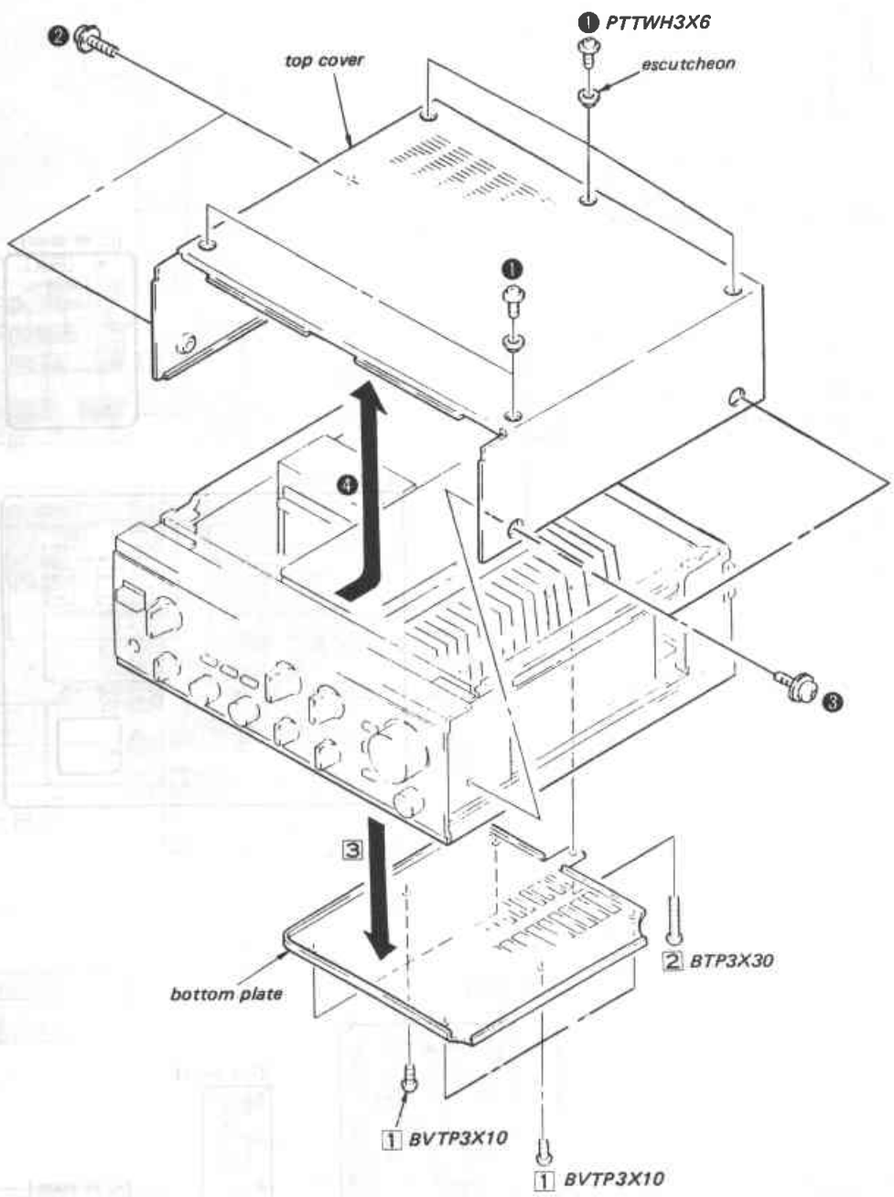

RY601
J601
HEADPHONES
R CH
SOURCE DIRECT
S304-1
VR304-1
ATTENUATOR
OFF
ON
S303-1
TONE
S304-2
SOURCE DIRECT
200Hz
400Hz
S305-1
S305-2
S305, 306
TURNOVER
VR303
BASS
1ST STAGE AMP
Q401-404,408
CLASS-A AMP
Q405-407,409
CLASS-B AMP
Q410-419
PROTECTION
Q420
SPEAKER A
SPEAKER B
S601
SPEAKERS
B
A
OFF
A+B
S601-1
S601-2
RY602
RY603
RELAY DRIVE
Q602
LAMP DRIVE
Q605
LAMP DRIVE
Q604
LAMP DRIVE
Q603
AC OFF DET
Q605
PL602
(RED)
PL601
(GREEN)
PROTECT
IC601
B+
B-
VOLT. REG.
Q205,206
ERROR AMP
IC202(1/2)
VOLT. REG.
Q255,256
ERROR AMP
IC202(2/2)
RECT
D701-704
RECT
D705,755
T1
POWER TRANSFORMER
S801
POWER
AC IN
D603

SECTION 2
DISASSEMBLY

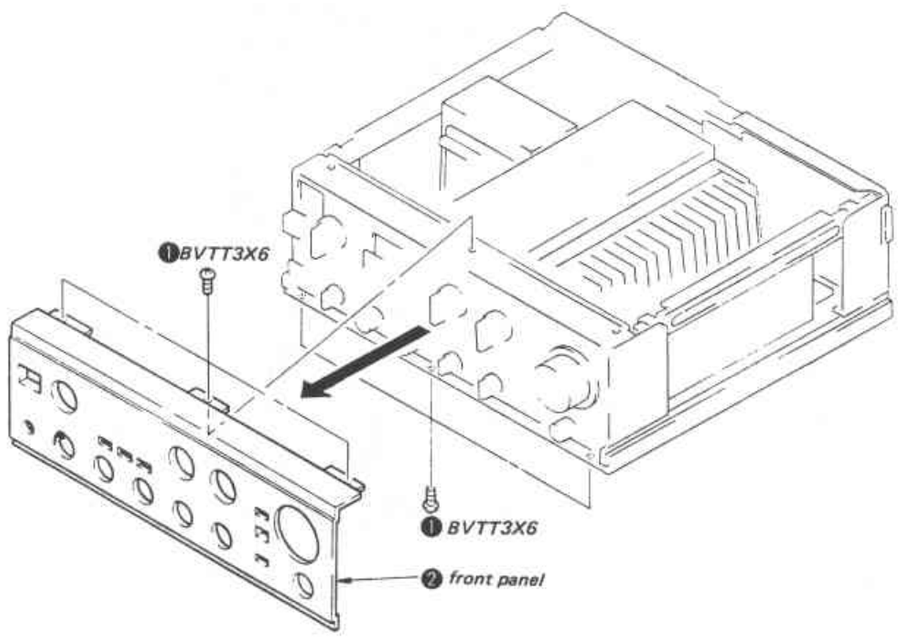
Note: Follow the disassembly procedure in the numerical order given.

TOP COVER AND BOTTOM PLATE REMOVAL

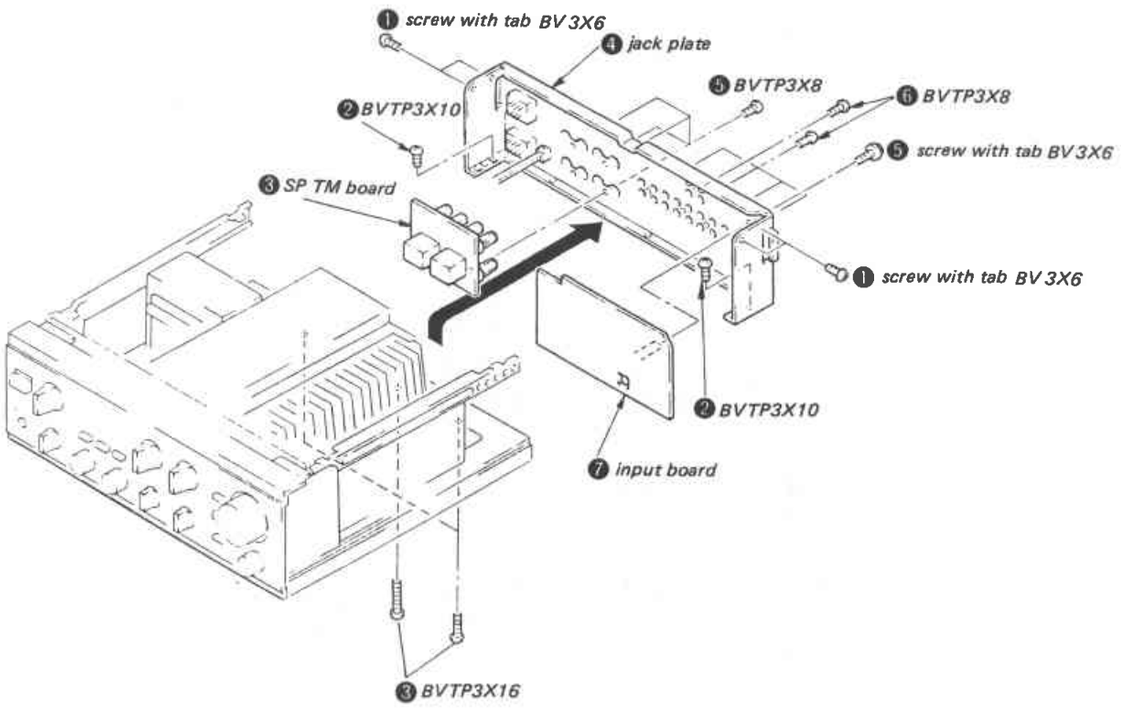
TOP COVER : ❶~❹
BOTTOM PLATE : 1~3



FRONT PANEL REMOVAL



JACK PLATE REMOVAL



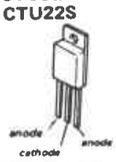
SECTION 4
DIAGRAMS

● SEMICONDUCTOR LEAD LAYOUTS

M5218P
M5220P
NJM5532D-D

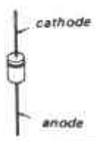
UPC1237H

CTU22R
CTU22S

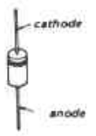


ISS132

30DF2
EQB01-12Z

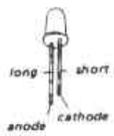


10E2
HZ6C3L
HZ7B2L
HZ9B2L
HZ11A1L
HZ15-3L

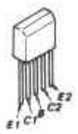


SV-02
SV-03

SEL2810A



2SA995



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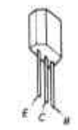
2SC1841-PA

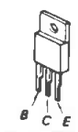
2SK246GR2

2SA1027R

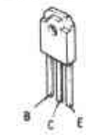


2SC634SP

2SA985A
2SA1383
2SB1094-L
2SC3514
2SC2275-P

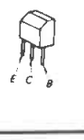


2SA1186
2SC2837



2SK389-GR

2SB734

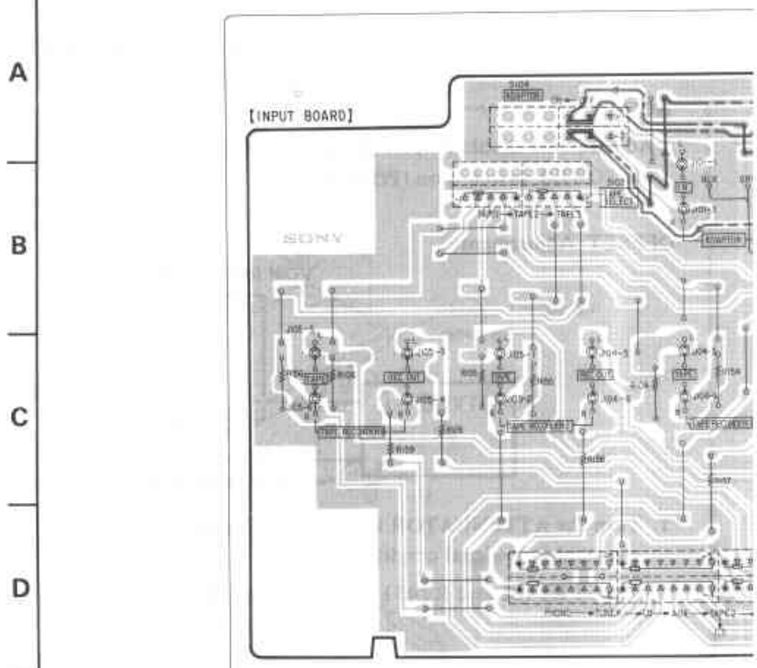


2SA1142
2SB731
2SD668
2SD809

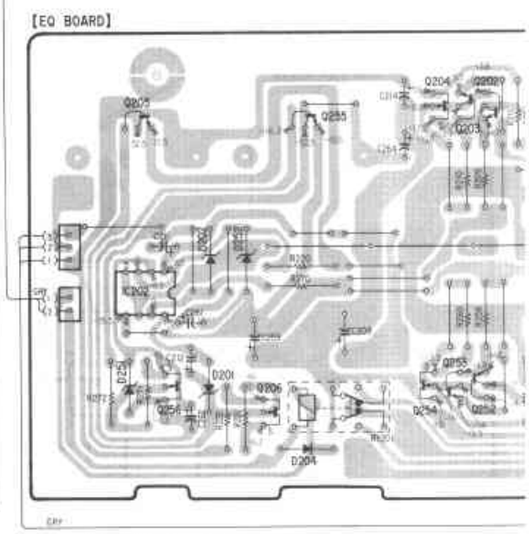
2SK170

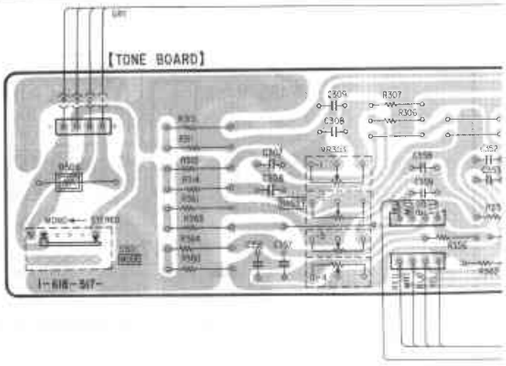
4-1. MOUNTING DIAGRAM — *Conductor Side* —

● See pa



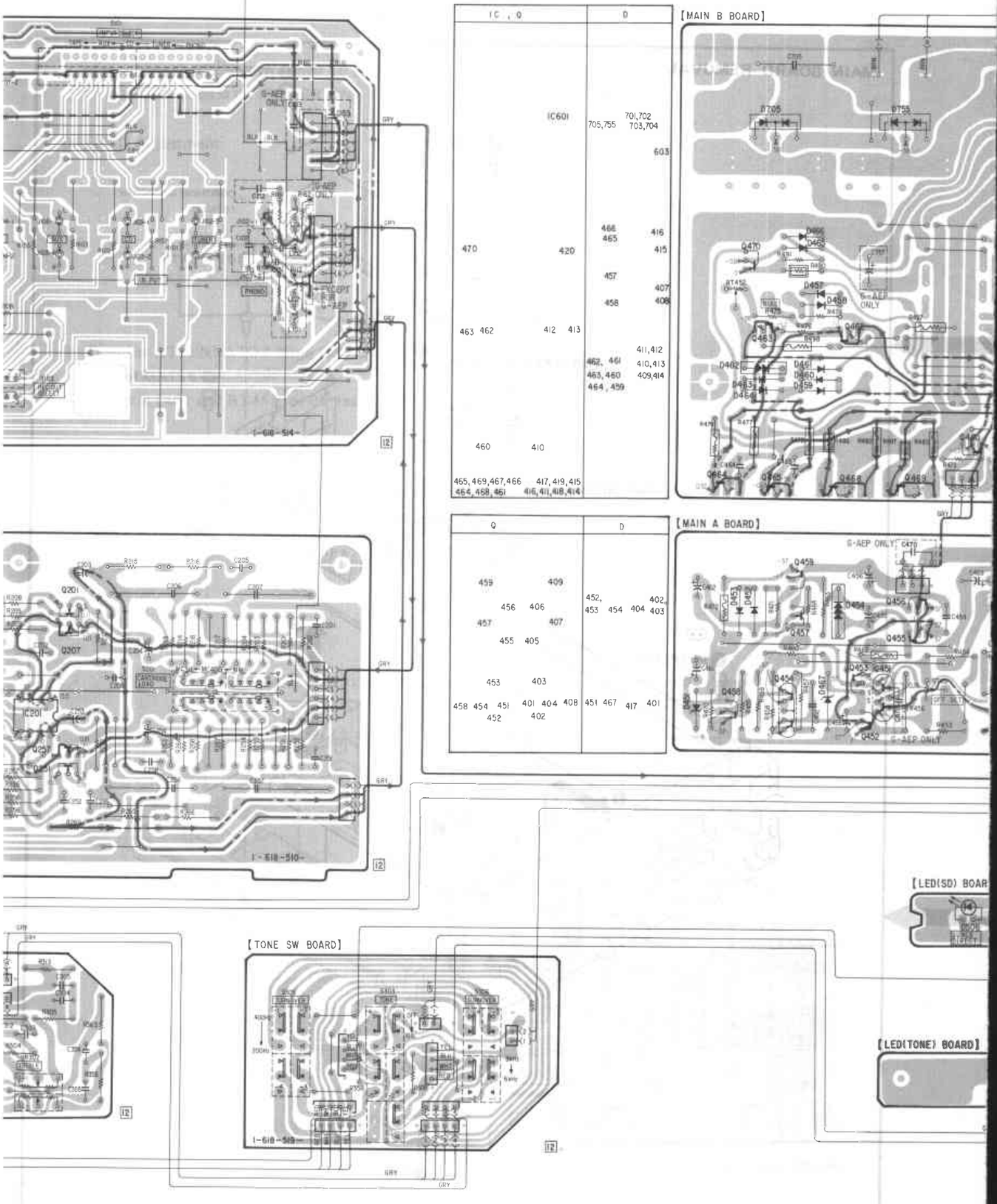
IC , Q	D
204,203,202	
205 255 201	
207	
IC201	202,252
IC202	
257	
251	
256 254,253,252	
206	251,201
	204

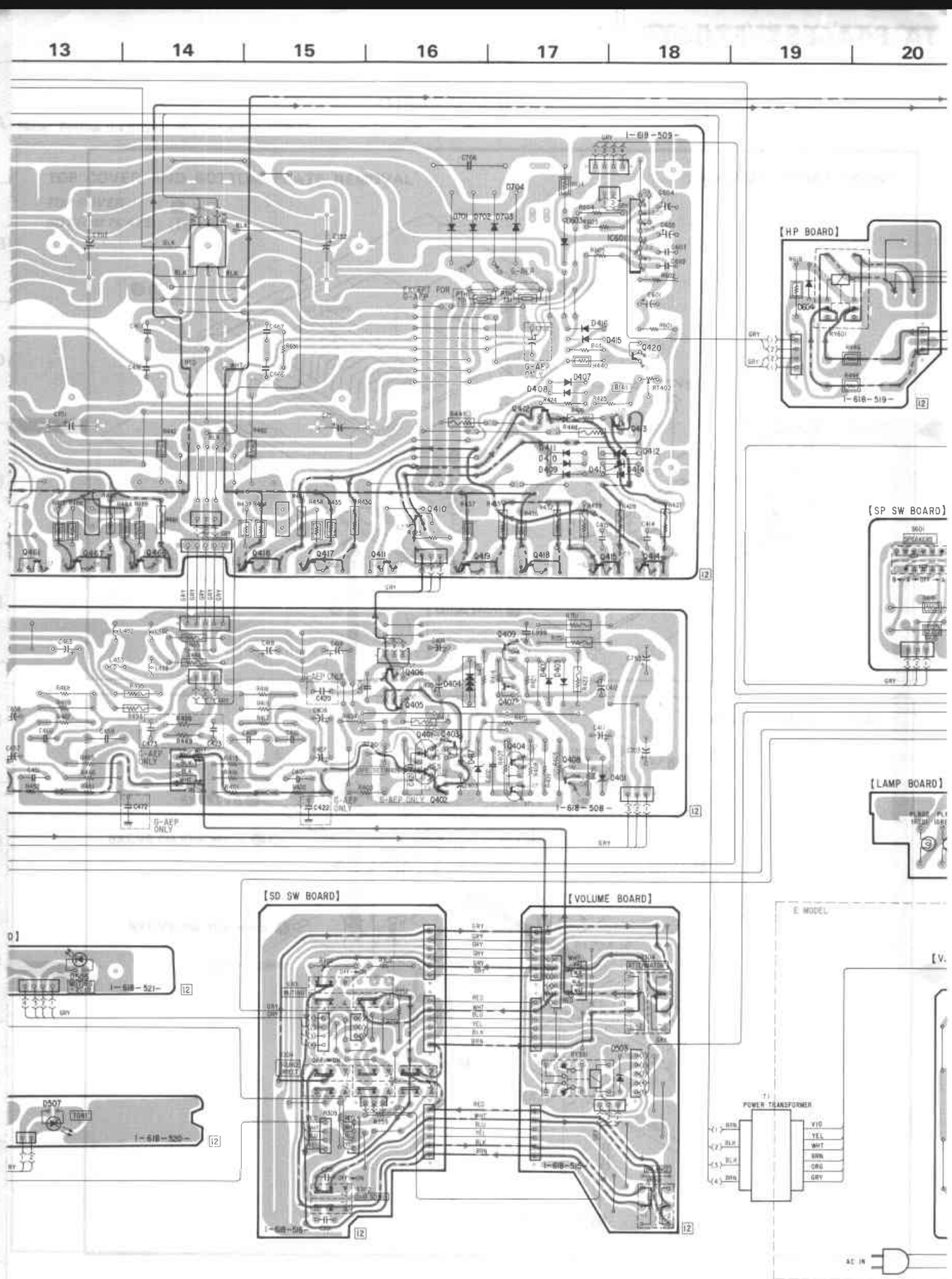


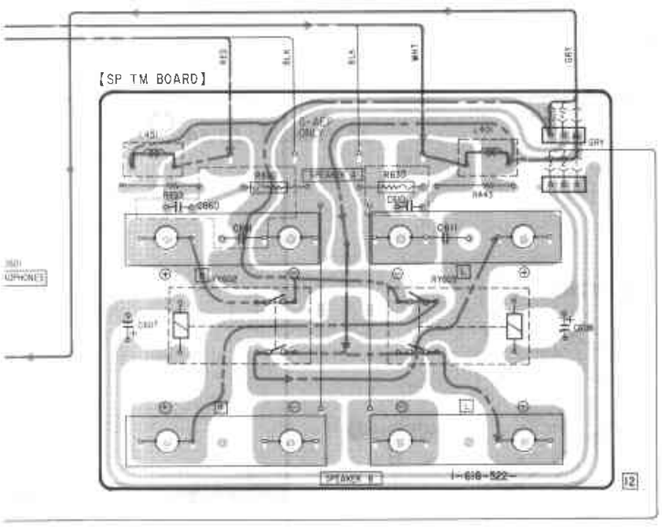


!2 for circuit boards location.

5 | 6 | 7 | 8 | 9 | 10 | 11 | 12

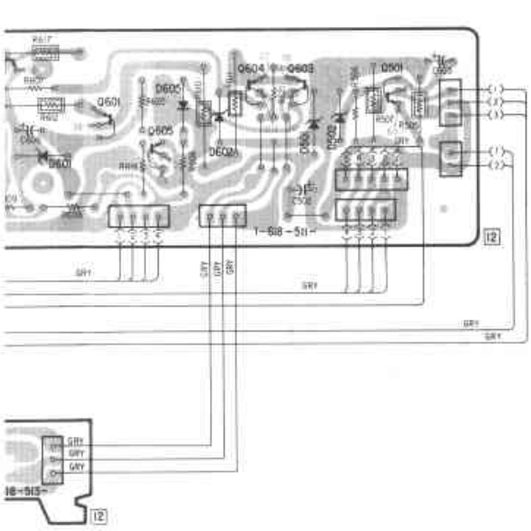



13
14
15
16
17
18
19
20
[HP BOARD]
[SP SW BOARD]
[LAMP BOARD]
[SD SW BOARD]
[VOLUME BOARD]
E MODEL
POWER TRANSFORMER
AC IN
1-618-509-
1-618-508-
1-618-521-
1-618-520-
1-618-519-
1-618-515-
1-618-516-
G-AEP ONLY

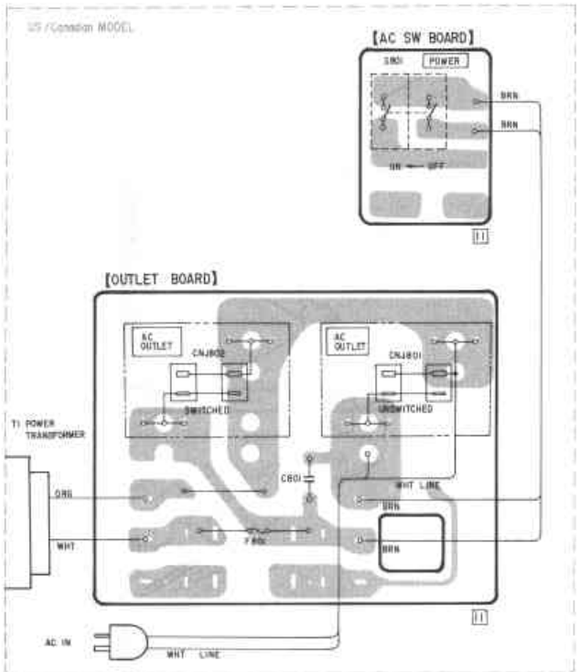


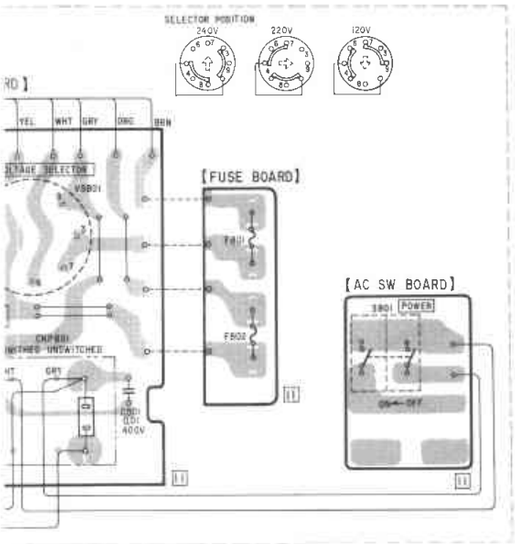
Note on Mounting Diagram

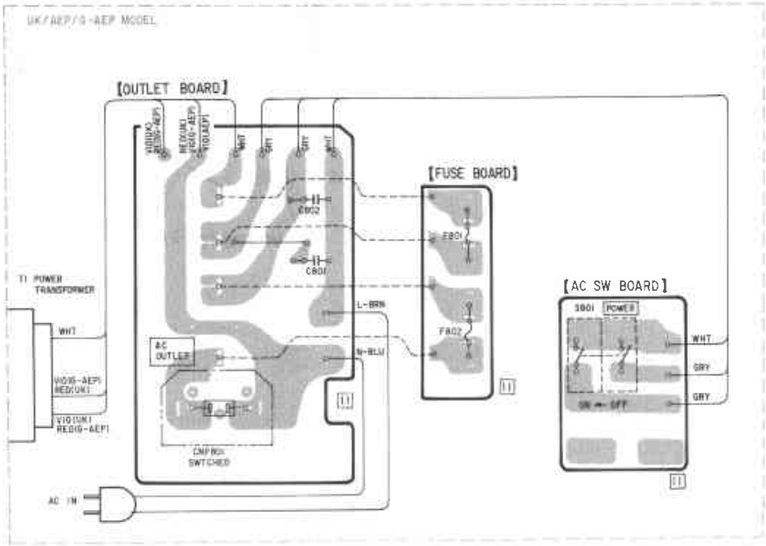
- : signal path
- : L-CH signal path
- : R-CH signal path



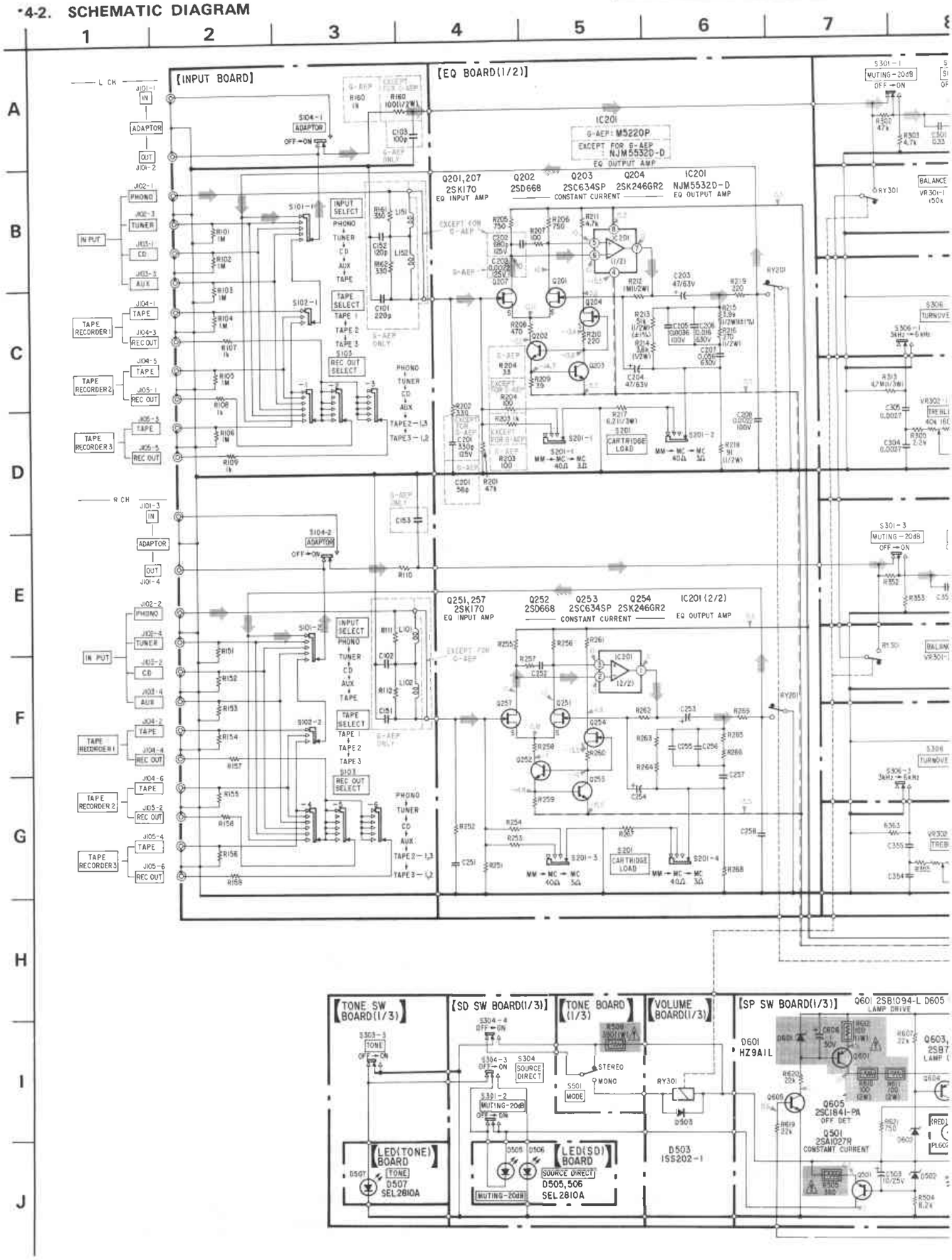
Q	D
602	
604,603,501	605,602 501,502
601	
605	601

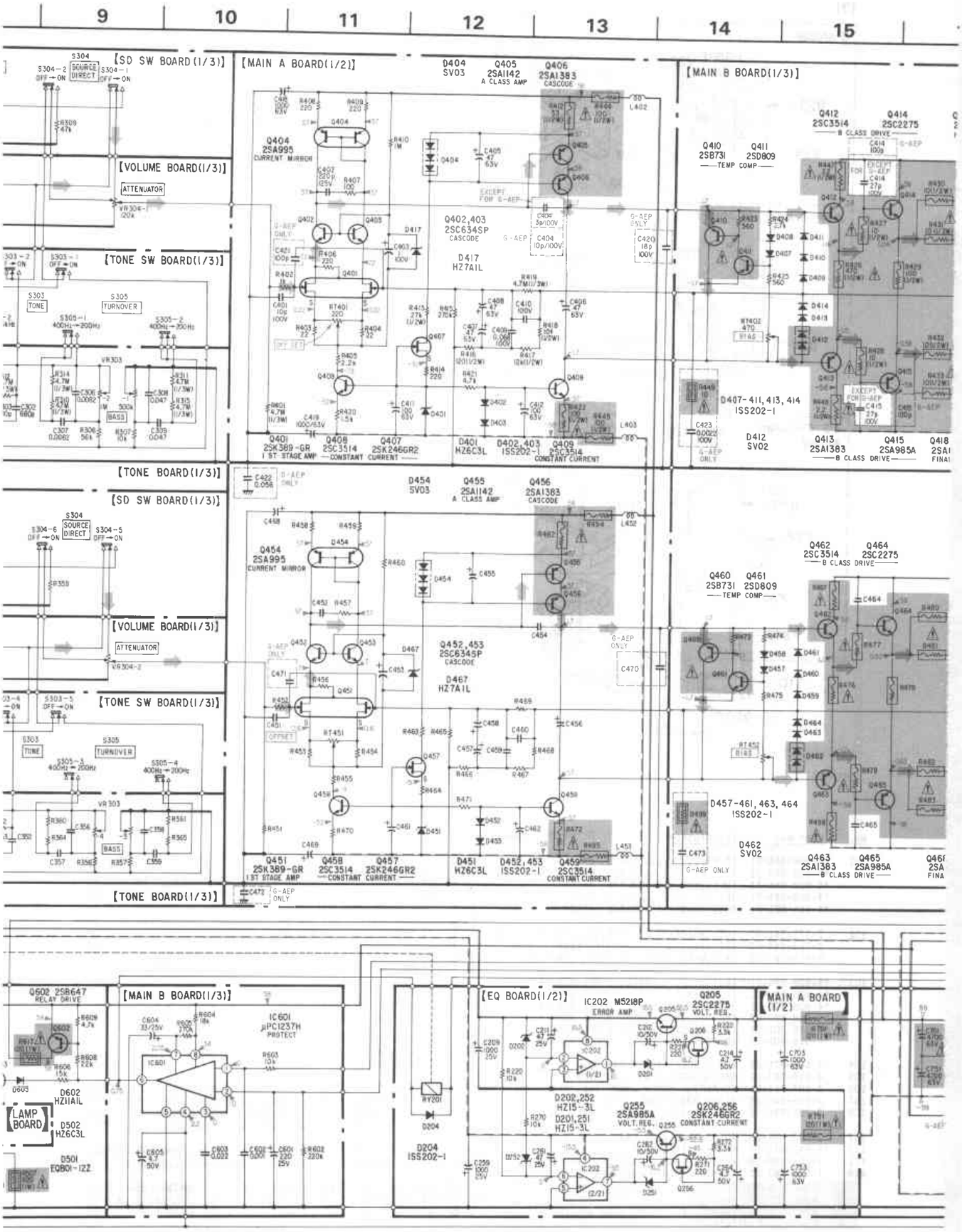


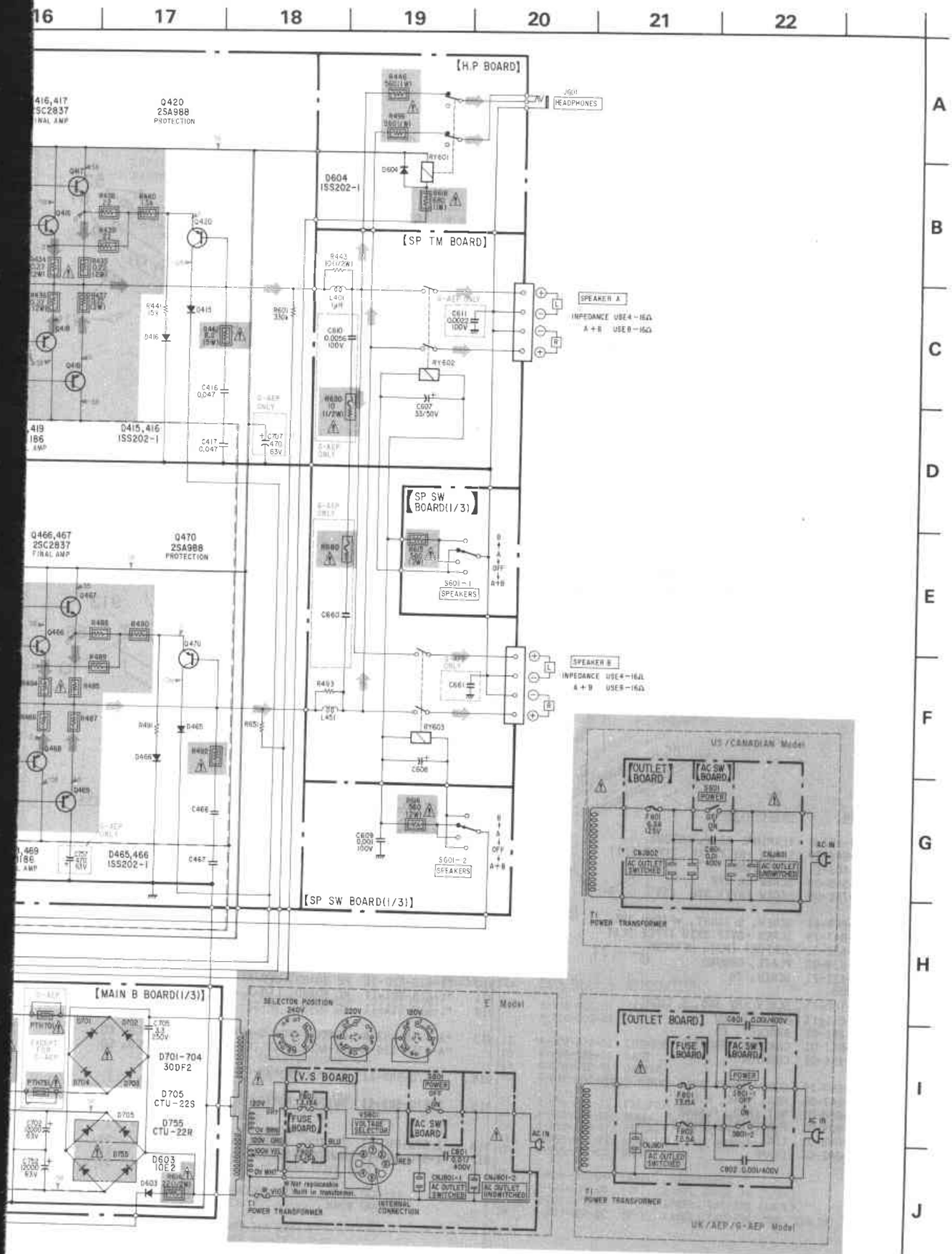




4-2. SCHEMATIC DIAGRAM




9
10
11
12
13
14
15
[SD SW BOARD(1/3)]
[VOLUME BOARD(1/3)]
[TONE SW BOARD(1/3)]
[TONE BOARD(1/3)]
[MAIN A BOARD(1/2)]
[MAIN B BOARD(1/3)]
[EQ BOARD(1/2)]
[MAIN A BOARD (1/2)]
[LAMP BOARD]
Q404 2SA995 CURRENT MIRROR
Q405 2SAI142 A CLASS AMP
Q406 2SAI383 CASCODE
Q402,403 2SC634SP CASCODE
D417 HZ7AIL
Q401 2SK389-GR 1ST STAGE AMP
Q408 2SC3514
Q407 2SK246GR2 CONSTANT CURRENT
D401 HZ6C3L
D402,403 ISS202-1
Q409 2SC3514 CONSTANT CURRENT
Q412 2SC3514 B CLASS DRIVE
Q414 2SC2275
Q410 2SB731 TEMP COMP
Q411 2SD809
D407-411, 413, 414 ISS202-1
D412 SV02
Q413 2SAI383 B CLASS DRIVE
Q415 2SA985A
Q454 2SA995 CURRENT MIRROR
Q455 2SAI142 A CLASS AMP
Q456 2SAI383 CASCODE
Q452,453 2SC6345P CASCODE
D467 HZ7AIL
Q451 2SK389-GR 1ST STAGE AMP
Q458 2SC3514
Q457 2SK246GR2 CONSTANT CURRENT
D451 HZ6C3L
D452,453 ISS202-1
Q459 2SC3514 CONSTANT CURRENT
Q462 2SC3514 B CLASS DRIVE
Q464 2SC2275
Q460 2SB731 TEMP COMP
Q461 2SD809
D457-461, 463, 464 ISS202-1
D462 SV02
Q463 2SAI383 B CLASS DRIVE
Q465 2SA985A
Q602 2SB647 RELAY DRIVE
IC601 μPC1237H PROTECT
D602 HZ11AIL
D502 HZ6C3L
D501 EQ80I-12Z
D204 ISS202-1
IC202 M5218P ERROR AMP
Q205 2SC2275 VOLT. REG.
D202,252 HZ15-3L
D201,251 HZ15-3L
Q255 2SA985A VOLT. REG.
Q206,256 2SK246GR2 CONSTANT CURRENT


16
17
18
19
20
21
22
A
B
C
D
E
F
G
H
I
J
[H.P BOARD]
HEADPHONES
[SP TM BOARD]
SPEAKER A
IMPEDANCE USE 4 – 16Ω
A + B USE 8 – 16Ω
[SP SW BOARD(1/3)]
S601-1 SPEAKERS
SPEAKER B
IMPEDANCE USE 4 – 16Ω
A + B USE 8 – 16Ω
S601-2 SPEAKERS
Q420 2SA988 PROTECTION
Q416,417 2SC2837 FINAL AMP
Q470 2SA988 PROTECTION
Q466,467 2SC2837 FINAL AMP
D604 1SS202-1
D415,416 1SS202-1
D465,466 1SS202-1
[MAIN B BOARD(1/3)]
D701-704 30DF2
D705 CTU-22S
D755 CTU-22R
D603 10E2
US/CANADIAN Model
[OUTLET BOARD]
[AC SW BOARD]
T1 POWER TRANSFORMER
E Model
SELECTOR POSITION
240V
220V
120V
[V.S BOARD]
[FUSE BOARD]
AC IN
INTERNAL CONNECTION
[OUTLET BOARD]
[FUSE BOARD]
[AC SW BOARD]
UK/AEP/G-AEP Model

n Schematic Diagram

:

ll capacitors are in μF unless otherwise noted. pF: μμF
0 WV or less are not indicated except for electrolytics
nd tantalums.
ll resistors are in Ω and ¼W or less unless otherwise
ecified.
⇒ : signal path.

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Components for right channel have same values as for left channel.

: nonflammable resistor.

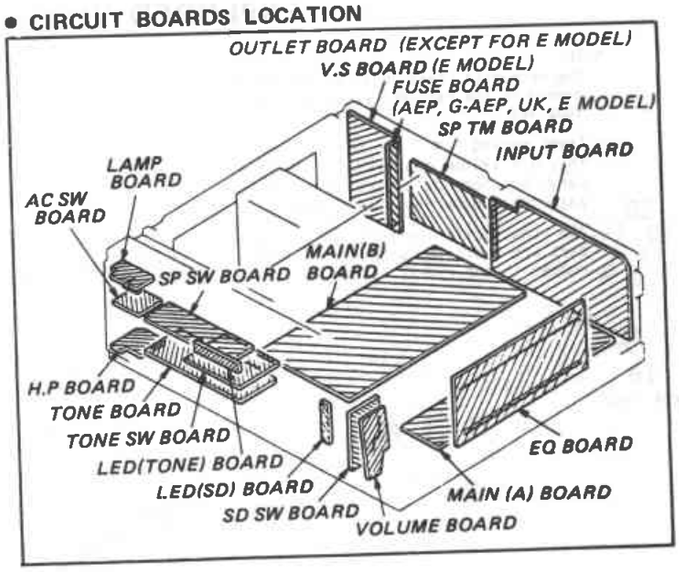
: fusible resistor.

Switch

Ref. No.	Switch	Position
S101	INPUT SELECT	PHONE
S102	TAPE SELECT	TAPE 1
S103	REC OUT SELECT	PHONO
S104	ADAPTOR	OFF
S201	CARTRIDGE LOAD	MM
S301	MUTING –20dB	OFF
S302	SUBSONIC	OFF
S303	TONE	OFF
S304	SOURCE DIRECT	OFF
S305	TURN OVER	400Hz
S306	TURN OVER	3kHz
S501	MODE	STEREO
S601	SPEAKER	A
S801	POWER	OFF
VS809	VOLTAGE SELECTOR (E MODEL)	–

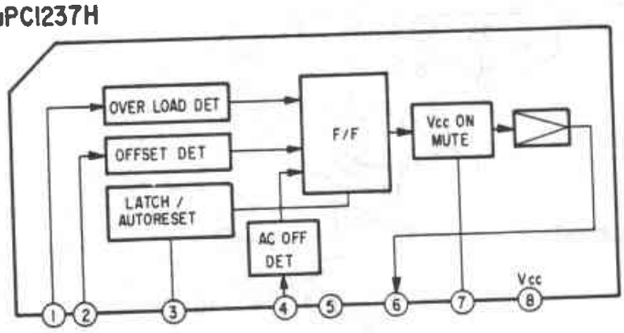
: B+ bus.
: B– bus.
: adjustment for repair.
Voltages are dc with respect to ground unless otherwise noted.
Readings are taken under no-signal conditions with a VOM (50 kΩ/V).
Voltage variations may be noted due to normal production tolerances.

• CIRCUIT BOARDS LOCATION



IC BLOCK DIAGRAM

μPC1237H

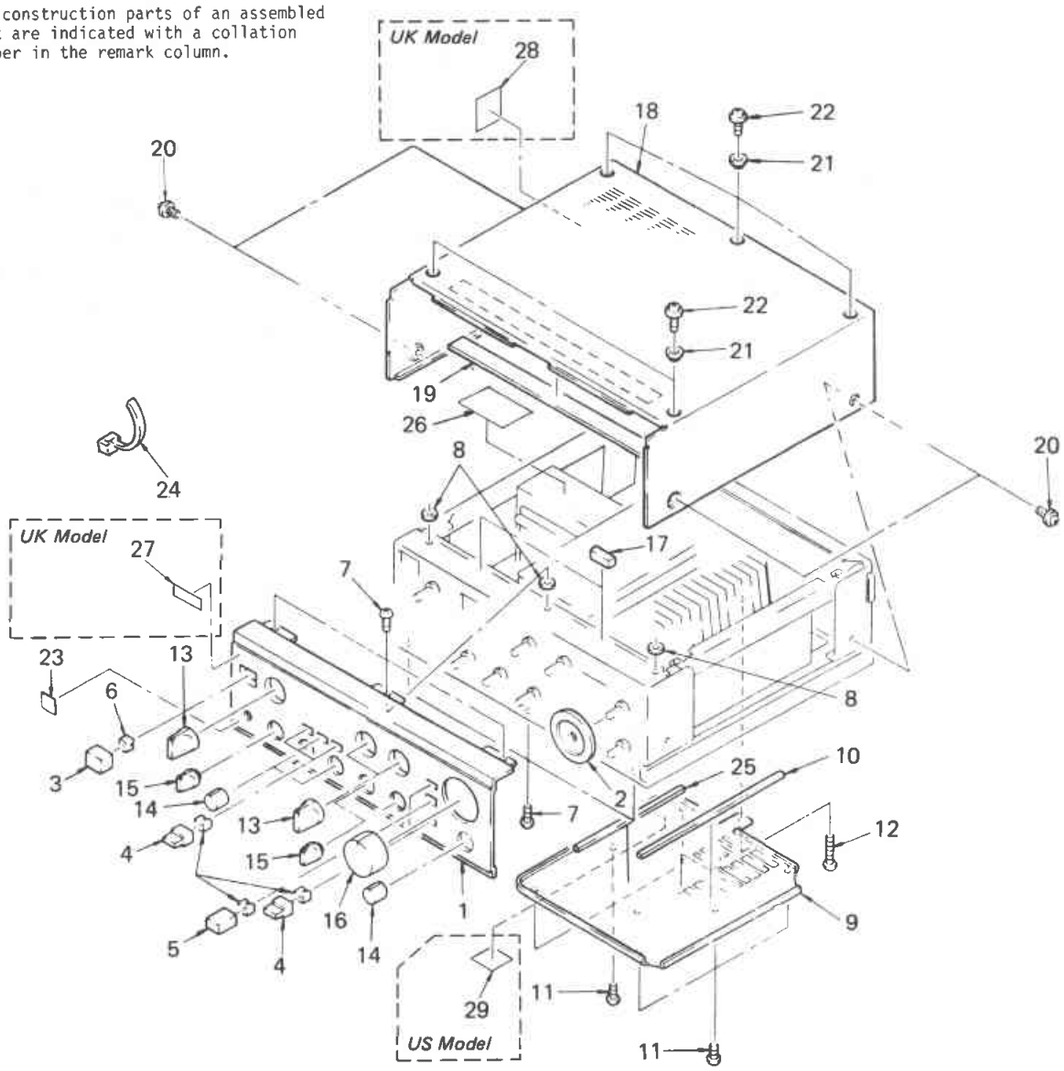


SECTION 5
EXPLODED VIEWS AND PARTS LIST

NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked " ★ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

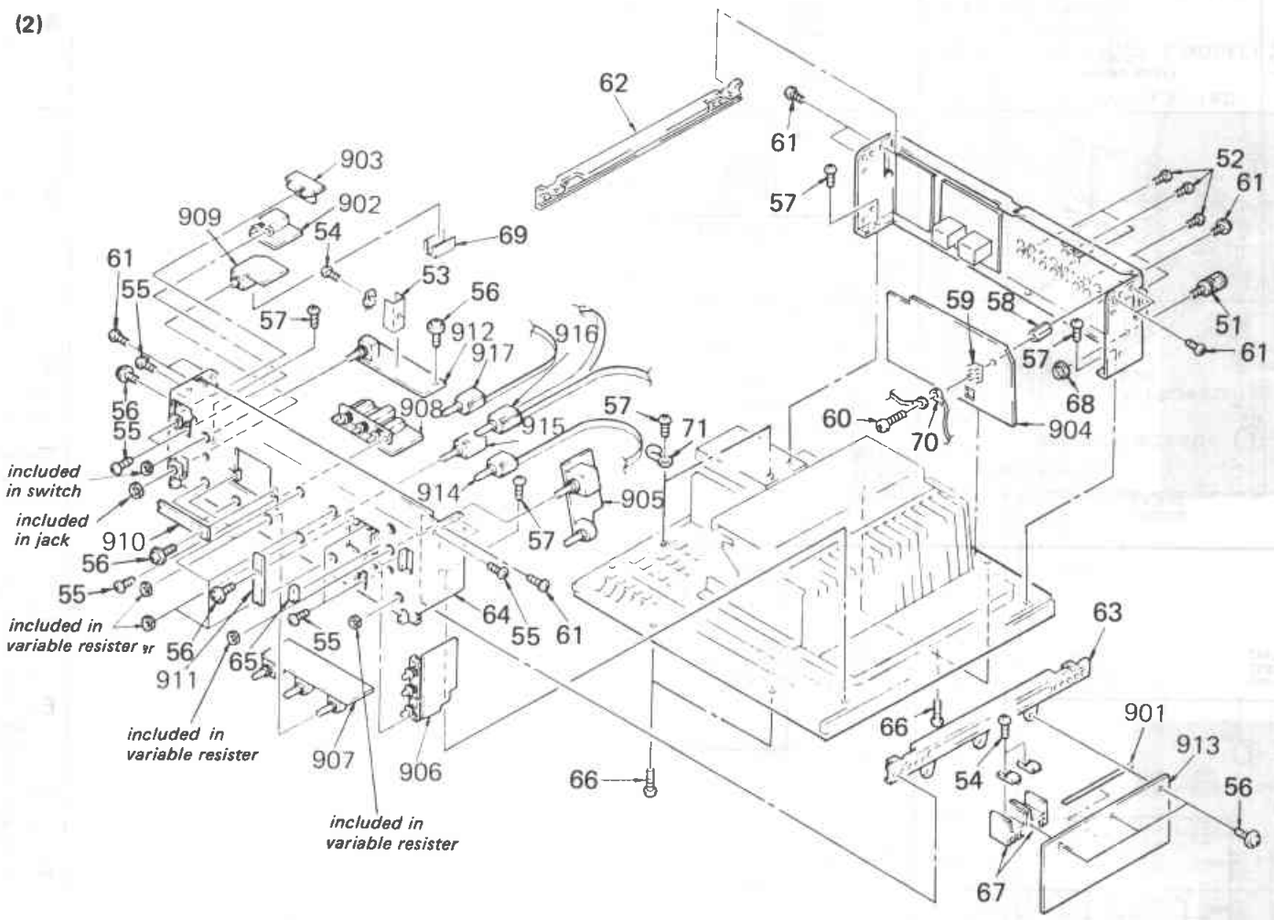
The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

(1)



No.	Part No.	Description	Remarks
1	A-4322-860-A	(EXCEPT FOR E)...PANEL ASSY, FRONT	
	A-4322-872-A	(E).. .....PANEL ASSY, FRONT	
2	4-908-857-01	RING (DIA.48), ORNAMENTAL	
3	4-908-856-01	KNOB, SQUARE	
4	3-315-105-21	KNOB (5X16), SQUARE	
5	4-908-875-01	KNOB, SQUARE	
6	4-864-307-00	RING	
7	7-685-751-09	SCREW +BVTT 3X6 (S)	
8	3-311-623-11	SPACER	
9	*4-908-865-01	PLATE, BOTTOM	
10	4-916-872-11	DAMPER	
11	7-685-647-79	SCREW +BVTP 3X10 TYPE2 SLIT	
12	7-685-153-29	SCREW +P 3X30 TYPE2 SLIT	
13	4-908-859-01	(EXCEPT FOR E)...KNOB (NA-29)	
	4-916-706-01	(E).....KNOB (NA-29)	
14	4-908-860-01	KNOB (NA-22), R	
15	4-908-858-01	KNOB (NA-22), FLAT	
16	4-916-705-01	(EXCEPT FOR E)...KNOB (NA-48), R	
	4-916-705-01	(E).....KNOB (NA-48), R	
17	*4-908-872-01	CUSHION	
18	4-908-868-01	CASE	
19	4-916-782-01	DAMPER	
20	4-849-802-00	SCREW	
21	3-576-298-11	ESCUTCHEON	
22	3-703-249-11	SCREW, S TIGHT, +PTTWH 3X6	
23	3-703-710-41	STICKER, SONY SYMBOL (12)	
24	3-655-653-21	BAND (TAITON), BINDING	
25	4-916-702-21	DAMPER	
26	4-908-885-01	LABEL, TRANSFORMER	
27	3-701-690-00	(UK)...LABEL (MADE IN JAPAN)	
28	3-703-079-21	(UK)...LABEL, CAUTION (BACK)	
29	3-703-680-00	(US)...LABEL, CAUTION, SUB, NEW UL	

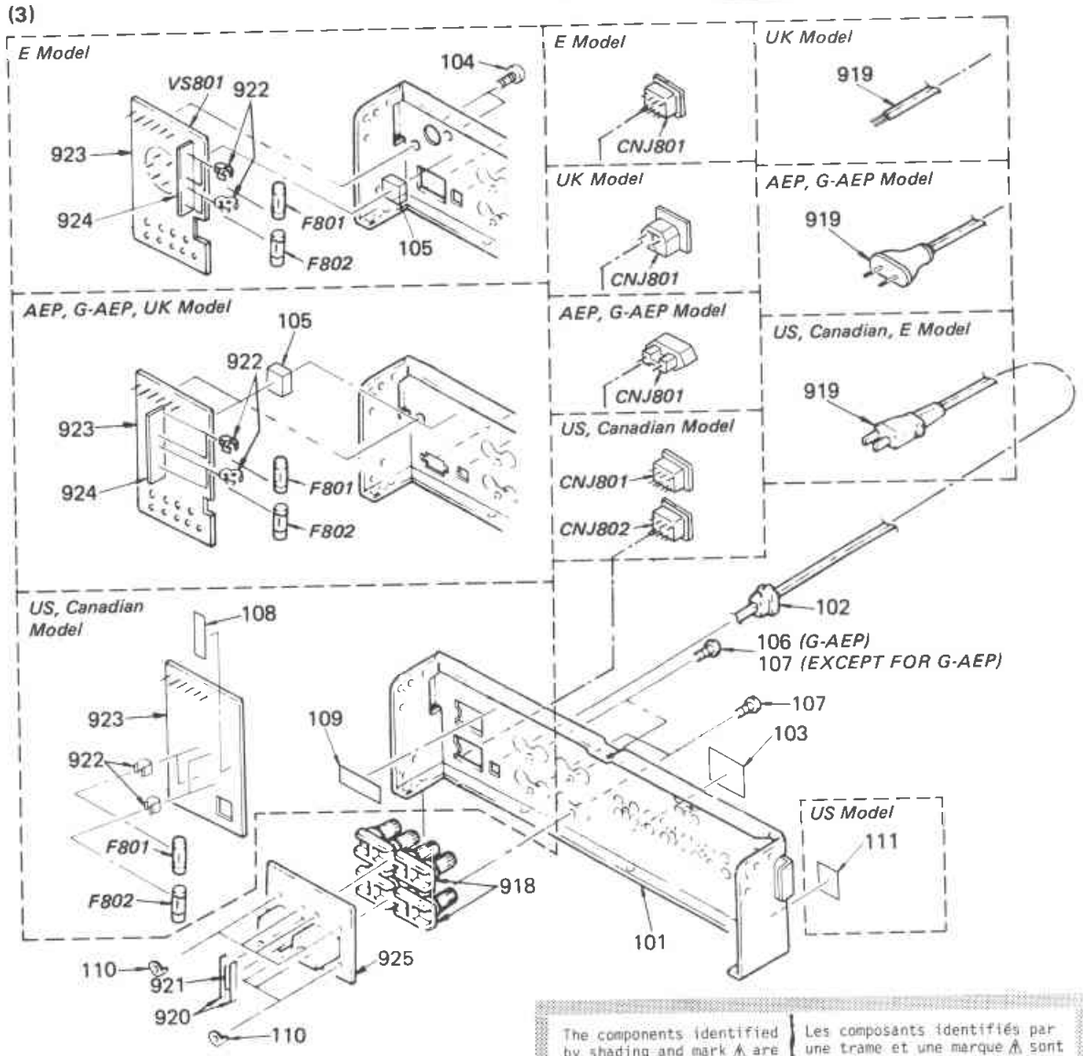
(2)



No.	Part No.	Description	Remarks
51	X-4854-207-0	TERMINAL ASSY, GROUND	
52	7-685-646-29	SCREW +BVTP 3X8 TYPE2 SLIT	
53	*4-880-403-11	HEAT SINK	
54	7-682-548-09	SCREW +B 3X8	
55	7-685-751-09	SCREW +BVTT 3X6 (S)	
56	3-703-249-11	SCREW, S TIGHT, +PTTWH 3X6	
57	7-685-647-79	SCREW +BVTP 3X10 TYPE2 SLIT	
58	*2-280-622-51	SUPPORT (M3), HEXAGON	
59	*4-835-639-00	PLATE, GROUND	
60	2-259-121-21	SCREW, TR	
61	3-703-108-21	SCREW +BV 3X6, S TIGHT	
62	*4-908-861-11	BRACKET, EQ	
63	*4-908-861-01	BRACKET, EQ	
64	*4-908-867-01	CHASSIS, FRONT	
65	*4-908-854-01	CUSHION	
66	7-685-650-29	SCREW +BVTP 3X16 TYPE2 SLIT	
67	*4-363-147-00	HEAT SINK, H.PIN	
68	4-908-880-01	NUT (M3), FLANGE	
69	*4-904-909-01	PLATE (A), SHIELD	
70	7-623-508-01	LUG, 3	
71	4-908-882-01	CLAMP	

No.	Part No.	Description	Remarks
901	*1-560-242-71	BUS BAR 6P	
902	*1-618-512-11	PC BOARD, AC-SW	
903	*1-618-513-11	PC BOARD, LAMP	
904	*1-618-514-11	PC BOARD, INPUT	
905	*1-618-515-11	PC BOARD, VR	
906	*1-618-516-11	PC BOARD, S.D	
907	*1-618-517-11	PC BOARD, TONE	
908	*1-618-518-11	PC BOARD, TONE-SW	
909	*1-618-519-11	PC BOARD, H.P	
910	*1-618-520-11	PC BOARD, LED-A (TONE)	
911	*1-618-521-11	PC BOARD, LED-B (S.D)	
912	*1-618-511-11	PC BOARD, SP-SW	
913	*A-4358-183-A	(EXCEPT FOR G-AEP)...MOUNTED PCB, EQ	
	*A-4358-184-A	(G-AEP).....MOUNTED PCB, EQ	
914	1-570-588-11	SWITCH, ROTARY SLIDE (REMOTE) (CARTRIDGE LOAD)	
915	1-570-589-11	SWITCH, ROTARY SLIDE (REMOTE) (REC OUT SELECT)	
916	1-570-590-11	SWITCH, ROTARY SLIDE (REMOTE)	
917	1-570-591-11	SWITCH, ROTARY SLIDE (REMOTE) (TAPE SELECT)	

(3)



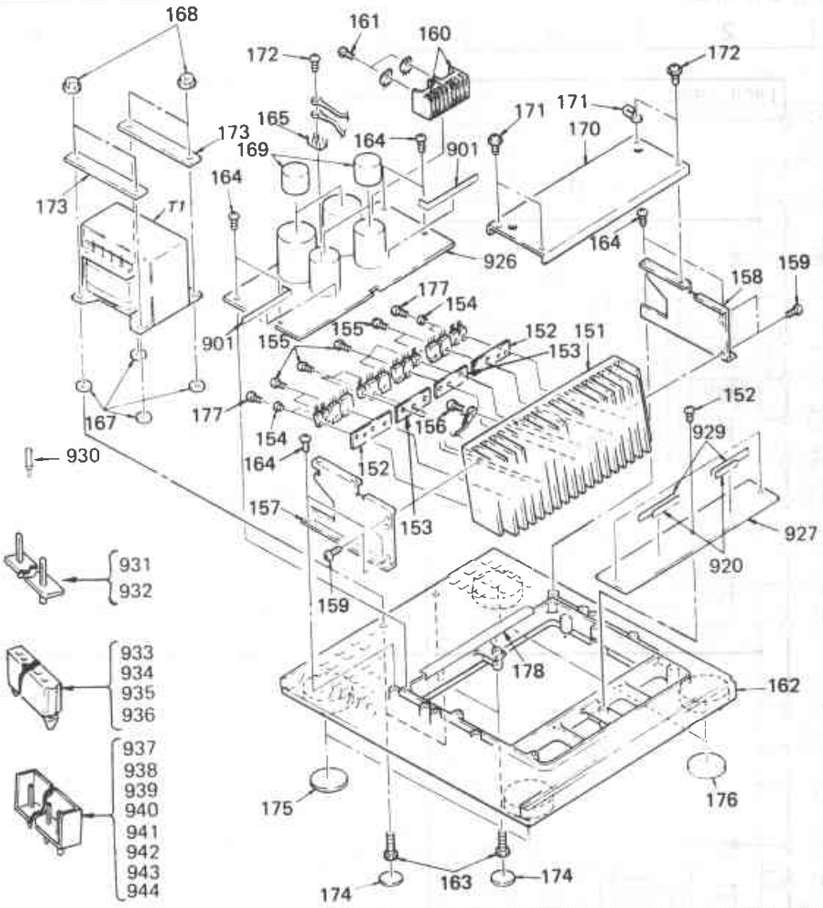
The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

No.	Part No.	Description	Remarks
101	*4-908-866-21	(AEP).....PLATE, JACK	
	*4-908-866-31	(G-AEP).....PLATE, JACK	
	*4-908-866-41	(UK).....PLATE, JACK	
	*4-908-866-51	(E).....PLATE, JACK	
	*4-916-871-01	(US,Canadian)...PLATE, JACK	
102	2-371-561-00	(US,Canadian)....BUSHING, (P) INSULTING	
	3-703-244-00	(E).....BUSHING (2104), CORD	
	4-916-783-01	(AEP,G-AEP,UK)...BUSHING, CORD PA	
103	*4-908-896-01	(US).....LABEL, MODEL NUMBER	
	*4-908-897-01	(Canadian)...LABEL, MODEL NUMBER	
	*4-908-898-01	(AEP).....LABEL, MODEL NUMBER	
	*4-908-899-02	(UK).....LABEL, MODEL NUMBER	
	*4-916-701-01	(E).....LABEL, MODEL NUMBER	
	*4-916-702-02	(G-AEP).....LABEL, MODEL NUMBER	
104	7-685-871-09	(E)...SCREW +BVTT 3X6 BZn	
105	4-916-707-01	(AEP,G-AEP,UK,E)...CUSHION	
106	4-887-711-21	(G-AEP)...SCREW, TERMINAL, CLAW, +BVTP	
107	7-685-646-29	SCREW +BVTP 3X8 TYPE2 SLIT	
108	3-701-946-28	(US,Canadian)...LABEL, FUSE	
109	3-703-044-26	(US,Canadian)...LABEL, CAUTION	
110	*4-843-416-11	PLATE, FIXED, CAP	
111	3-703-680-00	(US)....LABEL, CAUTION, SUB, NEW UL	
918	1-536-767-21	TERMINAL BOARD, SPEAKER	

No.	Part No.	Description	Remarks
919	⚠1-555-386-00	(E).....CORD, POWER	
	⚠1-557-577-11	(US,Canadian)...CORD, POWER	
	⚠1-559-271-11	(AEP,G-AEP).....CORD, POWER	
	⚠1-559-272-11	(UK).....CORD, POWER	
920	*1-560-242-11	BUS BAR 3P	
921	*1-560-242-61	BUS BAR 2P	
922	⚠1-533-183-11	(AEP,G-AEP,UK,E)...HOLDER, FUSE	
	⚠1-553-185-11	(US,Canadian).....HOLDER, FUSE	
923	*1-618-523-11	(US,Canadian)....PC BOARD, OUTLET	
	*1-619-928-11	(E).....PC BOARD, V.S	
	*1-619-930-11	(AEP,G-AEP,UK)...PC BOARD, OUTLET	
924	*1-619-929-11	(E).....PC BOARD, FUSE (E)	
	*1-619-931-11	(AEP,G-AEP,UK)...PC BOARD, FUSE	
925	*1-618-522-11	PC BOARD, SP-TM	
CNJ801	⚠1-526-751-00	(UK).....OUTLET AC	
CNJ801	⚠1-526-794-11	(AEP,G-AEP).....OUTLET AC	
CNJ801	⚠1-526-883-00	(US,Canadian,E)...OUTLET AC	
CNJ802	⚠1-526-883-00	(US,Canadian).....OUTLET AC	
F801	⚠1-532-237-00	(AEP,G-AEP,UK,E)...FUSE, TIME-LAG 3.15A	
F801	⚠1-532-883-00	(US,Canadian).....FUSE, GLASS 6.3A	
F802	⚠1-532-237-00	(E).....FUSE, GLASS 3.15A	
F802	⚠1-532-286-00	(AEP,G-AEP,UK)...FUSE, TIME-LAG 2.5A	
F802	⚠1-532-883-00	(US,Canadian)....FUSE, GLASS 6.3A	
VS801	⚠1-526-576-31	(E)...SELECTOR, POWER VOLTAGE	

(4)



The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

No.	Part No.	Description	Remarks
151	*4-908-874-11	HEAT SINK	
152	4-916-709-01	SHEET (B), INSULATING	
153	4-916-708-01	SHEET (A), INSULATING	
154	2-371-561-00	BUSHING (P), INSULATING	
155	7-682-549-09	SCREW +B 3X10	
156	7-682-561-10	SCREW +B 4X8	
157	*4-908-863-01	BRACKET (FRONT), HEAT SINK	
158	*4-908-864-01	BRACKET (REAR), HEAT SINK	
159	7-685-646-29	SCREW +BVTP 3X8 TYPE2 SLIT	
160	*4-363-147-00	HEAT SINK, H.PIN	
161	7-682-548-09	SCREW +B 3X8	
162	X-4885-922-1	CHASSIS, MAIN ASSY	
163	7-683-333-07	BOLT, HEXAGON 4X40	
164	7-685-647-79	SCREW +BVTP 3X10 TYPE2 SLIT	
165	*4-880-404-01	PLATE, GROUND	
166	7-685-648-29	SCREW +BVTP 3X12 TYPE2 SLIT	
167	*4-885-984-01	WASHER	
168	4-908-881-01	NUT (M4), FLANGE	
169	*4-908-853-01	CUSHION	
170	*4-908-862-01	RETAINER, CHEMICAL CAPACITOR	
171	*4-908-882-01	CLAMP	
172	3-703-249-11	SCREW, S TIGHT, +PTTWH 3X6	
173	*4-908-886-01	REINFORCEMENT, TRANSFORMER	
174	*4-908-892-01	SPACER	
175	*4-908-888-01	(US,Canadian,AEP,UK)...FOOT, TUNING	
	*4-916-704-01	(G-AEP,E).....FOOT	
176	*4-908-887-01	(US,Canadian,AEP,UK)...FOOT, TUNING	
	*4-916-704-11	(G-AEP,E).....FOOT	
177	7-682-649-09	SCREW +PS 3X10	
178	4-916-763-01	(US)...SHEET, INSULATING	

No.	Part No.	Description	Remarks
901	*1-560-242-71	BUS BAR 6P	
920	*1-560-242-11	BUS BAR 3P	
926	*A-4388-584-A	(EXCEPT FOR G-AEP)	
		...MOUNTED PCB, MAIN (B)	
	*A-4388-585-A	(G-AEP)....MOUNTED PCB, MAIN (B)	
927	*A-4388-582-A	(EXCEPT FOR G-AEP)	
		....MOUNTED PCB, MAIN (A)	
	*A-4388-583-A	(G-AEP)....MOUNTED PCB, MAIN (A)	
929	*1-560-242-21	BUS BAR 4P	
930	*1-535-492-00	PIN, GT	
931	*1-508-809-00	BASE POST (14MM) 2P	
932	*1-535-136-00	(AEP,G-AEP,UK,E)	
		....BASE POST 14MM (10MM PITCH) 3P	
933	*1-562-249-00	SOCKET, CONNECTOR 4P	
934	*1-562-250-00	SOCKET, CONNECTOR 5P	
935	*1-562-251-00	SOCKET, CONNECTOR 6P	
936	*1-562-327-00	SOCKET, CONNECTOR 3P	
937	*1-564-505-11	PLUG, CONNECTOR 2P, WHITE	
938	*1-564-505-31	PLUG, CONNECTOR 2P, RED	
939	*1-564-506-11	PLUG, CONNECTOR 3P, WHITE	
940	*1-564-507-11	PLUG, CONNECTOR 4P, WHITE	
941	*1-564-507-21	PLUG, CONNECTOR 4P, BLACK	
942	*1-564-507-31	PLUG, CONNECTOR 4P, RED	
943	*1-564-508-11	PLUG, CONNECTOR 5P, WHITE	
944	*1-564-509-11	PLUG, CONNECTOR 6P, WHITE	
T1	⚠1-448-631-11	(UK,G-AEP).....TRANSFORMER, POWER	
T1	⚠1-448-632-11	(E).....TRANSFORMER, POWER	
T1	⚠1-448-633-11	(US,Canadian)...TRANSFORMER, POWER	
T1	⚠1-448-634-11	(AEP).....TRANSFORMER, POWER	

SECTION 6
ELECTRICAL PARTS LIST

NOTE:
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuitsin a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF:µF, PF:µµF.

RESISTORS
- All resistors are in ohms.
- F : nonflammable

COILS
- MMH : mH, UH : µH

SEMICONDUCTORS
In each case, U : µ, for example:
UA...: µA..., UPA...: µPA..., UPC...: µPC, UPD...: µPD...

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description
901	*1-560-242-71	BUS BAR 6P
902	*1-618-512-11	PC BOARD, AC-SW
903	*1-618-513-11	PC BOARD, LAMP
904	*1-618-514-11	PC BOARD, INPUT
905	*1-618-515-11	PC BOARD, VR
906	*1-618-516-11	PC BOARD, S.D
907	*1-618-517-11	PC BOARD, TONE
908	*1-618-518-11	PC BOARD, TONE-SW
909	*1-618-519-11	PC BOARD, H.P
910	*1-618-520-11	PC BOARD, LED-A (TONE)
911	*1-618-521-11	PC BOARD, LED-B (S.D)
912	*1-618-511-11	PC BOARD, SP-SW
913	*A-4358-183-A	(US,Canadian,AEP,UK,E)..MOUNTED PCB, EQ
	*A-4358-184-A	(G-AEP).....MOUNTED PCB, EQ
914	1-570-588-11	SWITCH, ROTARY SLIDE (REMOTE)
915	1-570-589-11	SWITCH, ROTARY SLIDE (REMOTE)
916	1-570-590-11	SWITCH, ROTARY SLIDE (REMOTE)
917	1-570-591-11	SWITCH, ROTARY SLIDE (REMOTE)
918	1-536-767-21	TERMINAL BOARD, SPEAKER
919	⚠1-555-386-00	(E).....CORD, POWER
	⚠1-557-577-11	(US,Canadian)...CORD, POWER
	⚠1-559-271-11	(AEP,G-AEP).....CORD, POWER
	⚠1-559-272-00	(UK).....CORD, POWER
920	*1-560-242-11	BUS BAR 3P
921	*1-560-242-61	BUS BAR 2P
922	⚠1-533-183-11	(AEP,G-AEP,UK,E)...HOLDER, FUSE
	⚠1-533-185-11	(US,Canadian).....HOLDER, FUSE
923	*1-618-523-11	(US,Canadian)....PC BOARD, OUTLET
	*1-619-928-11	(E).....PC BOARD, V.S
	*1-619-930-11	(AEP,G-AEP,UK)...PC BOARD, OUTLET
924	*1-619-929-11	(E).....PC BOARD, FUSE (E)
	*1-619-931-11	(AEP,G-AEP,UK)...PC BOARD, FUSE (E)
925	*1-618-522-11	PC BOARD, SP-TM
926	*A-4388-584-A	(EXCEPT FOR G-AEP)..MOUNTED PCB, MAIN(B)
	*A-4388-585-A	(G-AEP).....MOUNTED PCB, MAIN(B)
927	*A-4388-582-A	(EXCEPT FOR G-AEP)..MOUNTED PCB, MAIN(A)
	*A-4388-583-A	(G-AEP).....MOUNTED PCB, MAIN(A)
929	*1-560-242-21	BUS BAR 4P
930	*1-535-492-00	PIN, GT
931	*1-508-809-00	BASE POST (14MM) 2P
932	*1-535-136-00	BASE POST 14MM (10MM PITCH) 3P
933	*1-562-249-00	SOCKET, CONNECTOR 4P
934	*1-562-250-00	SOCKET, CONNECTOR 5P
935	*1-562-251-00	SOCKET, CONNECTOR 6P

ELECTRICAL PARTS

Ref.No.	Part No.	Description
936	*1-562-327-00	SOCKET, CONNECTOR 3P
937	*1-564-505-11	PLUG, CONNECTOR 2P, WHITE
938	*1-564-505-31	PLUG, CONNECTOR 2P, RED
939	*1-564-506-11	PLUG, CONNECTOR 3P, WHITE
940	*1-564-507-11	PLUG, CONNECTOR 4P, WHITE
941	*1-564-507-21	PLUG, CONNECTOR 4P, BLACK
942	*1-564-507-31	PLUG, CONNECTOR 4P, RED
943	*1-564-508-11	PLUG, CONNECTOR 5P, WHITE
944	*1-564-509-11	PLUG, CONNECTOR 6P, WHITE
C101	1-161-315-00	(G-AEP)...CERAMIC 220PF 10% 50V
C102	1-161-272-00	(G-AEP)...CERAMIC 120PF 5% 50V
C103	1-107-309-00	(G-AEP)...MICA 100PF 5% 500V
C151	1-161-315-00	(G-AEP)...CERAMIC 220PF 10% 50V
C152	1-161-272-00	(G-AEP)...CERAMIC 120PF 5% 50V
C153	1-107-309-00	(G-AEP)...MICA 100PF 5% 500V
C201	1-104-249-11	(EXCEPT FOR G-AEP) ...POLYSTYRENE 330PF 5% 125V
C201	1-107-294-00	(G-AEP)...MICA 56PF 5% 100V
C202	1-104-150-00	(EXCEPT FOR G-AEP) ...POLYSTYRENE 680PF 5% 125V
C202	1-104-151-00	(G-AEP)...POLYSTYRENE 0.0022MF 5% 125V
C203	1-123-373-00	ELECT 47MF 20% 63V
C204	1-123-373-00	ELECT 47MF 20% 63V
C205	1-136-267-11	FILM 0.0036MF 3% 100V
C206	1-130-206-00	FILM 0.016MF 2% 630V
C207	1-130-205-00	FILM 0.056MF 2% 630V
C208	1-130-281-00	FILM 0.0022MF 5% 100V
C209	1-123-337-00	ELECT 1000MF 20% 25V
C211	1-123-332-00	ELECT 47MF 20% 25V
C212	1-123-356-00	ELECT 10MF 20% 50V
C214	1-123-369-00	ELECT 4.7MF 20% 50V
C251	1-104-249-11	(EXCEPT FOR G-AEP) ...POLYSTYRENE 330PF 5% 125V
C251	1-107-294-00	(G-AEP)...MICA 56PF 5% 100V
C252	1-104-150-00	(EXCEPT FOR G-AEP) ...POLYSTYRENE 680PF 5% 25V
C252	1-104-151-00	(G-AEP)...POLYSTYRENE 0.0022MF 5% 125V
C253	1-123-373-00	ELECT 47MF 20% 63V
C254	1-123-373-00	ELECT 47MF 20% 63V
C255	1-136-267-11	FILM 0.0036MF 3% 100V
C256	1-130-206-00	FILM 0.016MF 2% 630V
C257	1-130-205-00	FILM 0.056MF 2% 630V
C258	1-130-281-00	FILM 0.0022MF 5% 100V
C259	1-123-337-00	ELECT 1000MF 20% 25V
C261	1-123-332-00	ELECT 47MF 20% 25V
C262	1-123-356-00	ELECT 10MF 20% 50V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C264	1-123-369-00	ELECT	4.7MF	20%	50V
C301	1-136-171-00	FILM	0.33MF	5%	50V
C302	1-110-219-11	MYLAR	680PF	5%	50V
C303	1-110-219-11	MYLAR	680PF	5%	50V
C304	1-110-200-00	MYLAR	0.0027MF	5%	50V
C305	1-110-200-00	MYLAR	0.0027MF	5%	50V
C306	1-110-206-00	MYLAR	0.0082MF	5%	50V
C307	1-110-206-00	MYLAR	0.0082MF	5%	50V
C308	1-136-161-00	FILM	0.047MF	5%	50V
C309	1-136-161-00	FILM	0.047MF	5%	50V
C351	1-136-171-00	FILM	0.33MF	5%	50V
C352	1-110-219-11	MYLAR	680PF	5%	50V
C353	1-110-219-11	MYLAR	680PF	5%	50V
C354	1-110-200-00	MYLAR	0.0027MF	5%	50V
C355	1-110-200-00	MYLAR	0.0027MF	5%	50V
C356	1-110-206-00	MYLAR	0.0082MF	5%	50V
C357	1-110-206-00	MYLAR	0.0082MF	5%	50V
C358	1-136-161-00	FILM	0.047MF	5%	50V
C359	1-136-161-00	FILM	0.047MF	5%	50V
C401	1-107-279-00	MICA	10PF	0.5PF	100V
C402	1-104-233-00	POLYSTYRENE	220PF	5%	125V
C403	1-123-380-00	ELECT	1MF	20%	100V
C404	1-107-276-11	(EXCEPT FOR G-AEP)..MICA	3PF	0.5PF	100V
C404	1-107-279-00	(G-AEP).....MICA	10PF	0.5PF	100V
C405	1-123-373-00	ELECT	47MF	20%	63V
C406	1-123-373-00	ELECT	47MF	20%	63V
C407	1-123-373-00	ELECT	47MF	20%	63V
C408	1-123-373-00	ELECT	47MF	20%	63V
C409	1-130-317-00	FILM	0.068MF	5%	100V
C410	1-107-279-00	MICA	10PF	0.5PF	100V
C411	1-123-374-00	ELECT	100MF	20%	63V
C412	1-123-374-00	ELECT	100MF	20%	63V
C414	1-107-169-00	(G-AEP).....MICA	27PF	5%	100V
C414	1-107-286-00	(EXCEPT FOR G-AEP)..MICA	100PF	5%	100V
C414	1-107-169-00	(G-AEP).....MICA	27PF	5%	100V
C415	1-107-286-00	(EXCEPT FOR G-AEP)..MICA	27PF	5%	100V
C416	1-136-161-00	FILM	0.047MF	5%	50V
C417	1-136-161-00	FILM	0.047MF	5%	50V
C418	1-123-378-00	ELECT	1000MF	20%	63V
C419	1-123-378-00	ELECT	1000MF	20%	63V
C420	1-107-282-91	(G-AEP)...MICK	18PF	5%	100V
C421	1-107-169-00	(G-AEP)...MICA	100PF	5%	100V
C422	1-136-162-00	(G-AEP)...FILM	0.056MF	5%	50V
C423	1-136-230-00	(G-AEP)...FILM	0.0022MF	5%	100V
C451	1-107-279-00	MICA	10PF	0.5PF	100V
C452	1-104-233-00	POLYSTYRENE	220PF	5%	125V
C453	1-123-380-00	ELECT	1MF	20%	100V
C454	1-107-202-00	(G-AEP).....MICA	10PF	0.5PF	100V
C454	1-107-276-11	(EXCEPT FOR G-AEP)..MICA	3PF	0.5PF	100V
C455	1-123-373-00	ELECT	47MF	20%	63V
C456	1-123-373-00	ELECT	47MF	20%	63V
C457	1-123-373-00	ELECT	47MF	20%	63V
C458	1-123-373-00	ELECT	47MF	20%	63V
C459	1-130-317-00	FILM	0.068MF	5%	100V
C460	1-107-279-00	MICA	10PF	0.5PF	100V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C461	1-123-374-00	ELECT	100MF	20%	63V
C462	1-123-374-00	ELECT	100MF	20%	63V
C464	1-107-169-00	(G-AEP).....MICA	100PF	5%	100V
C464	1-107-286-00	(EXCEPT FOR G-AEP)..MICA	27PF	5%	100V
C465	1-107-169-00	(G-AEP).....MICA	100PF	5%	100V
C465	1-107-286-00	(EXCEPT FOR G-AEP)..MICA	27PF	5%	100V
C466	1-136-161-00	FILM	0.047MF	5%	50V
C467	1-136-161-00	FILM	0.047MF	5%	50V
C468	1-123-378-00	ELECT	1000MF	20%	63V
C469	1-123-378-00	ELECT	1000MF	20%	63V
C470	1-107-282-91	(G-AEP).....MICA	18PF	5%	100V
C471	1-107-169-00	(G-AEP).....MICA	100PF	5%	100V
C472	1-163-162-00	(G-AEP).....FILM	0.056MF	5%	50V
C473	1-163-230-00	(G-AEP).....FILM	0.0022MF	5%	100V
C502	1-123-333-00	ELECT	100MF	20%	25V
C601	1-123-334-00	ELECT	220MF	20%	25V
C602	1-110-195-00	MYLAR	0.001MF	5%	50V
C603	1-136-157-00	FILM	0.022MF	5%	50V
C604	1-123-343-00	ELECT	33MF	20%	25V
C605	1-123-369-00	ELECT	4.7MF	20%	50V
C606	⚠1-123-380-00	ELECT	1MF	20%	50V
C607	1-123-382-00	ELECT	33MF	20%	50V
C608	1-123-382-00	ELECT	33MF	20%	50V
C609	1-130-273-00	FILM	0.001MF	5%	100V
C610	1-130-291-00	(G-AEP).....FILM	0.0056MF	5%	100V
C611	1-136-230-00	(G-AEP).....FILM	0.0022MF	5%	100V
C660	1-130-291-00	(G-AEP).....FILM	0.0056MF	5%	100V
C661	1-136-230-00	(G-AEP).....FILM	0.0022MF	5%	100V
C701	⚠1-125-431-11	ELECT	4700MF	20%	63V
C702	1-125-381-00	ELECT	12000MF	20%	63V
C703	1-123-378-00	ELECT	1000MF	20%	63V
C705	1-130-801-11	FILM	3.3MF	10%	250V
C707	1-123-377-00	(G-AEP)...ELECT	470MF	20%	63V
C751	⚠1-125-431-11	ELECT	4700MF	20%	63V
C752	1-125-381-00	ELECT	12000MF	20%	63V
C753	1-123-378-00	ELECT	1000MF	20%	63V
C757	1-123-377-00	(G-AEP)...ELECT	470MF	20%	63V
C801	⚠1-161-741-00	CERAMIC	0.001MF	10%	400V
C802	⚠1-161-741-00	(UK,AEP,G-AEP,E)... CERAMIC	0.001MF	10%	400V
C999	1-136-167-00	FILM	0.15MF	5%	50V
CNJ801	⚠1-526-751-00	(UK).....OUTLET, AC			
CNJ801	⚠1-526-794-11	(AEP,G-AEP).....OUTLET, AC			
CNJ801	⚠1-526-883-00	(US,Canadian,E)...OUTLET, AC			
CNJ802	⚠1-526-883-00	(US,Canadian,E)...OUTLET, AC			
D201	8-719-910-53	DIODE HZ15-3L			
D202	8-719-910-53	DIODE HZ15-3L			
D204	8-719-940-76	DIODE 1SS132			
D251	8-719-910-53	DIODE HZ15-3L			
D252	8-719-910-53	DIODE HZ15-3L			
D401	8-719-910-69	DIODE HZ6C3L			
D402	8-719-940-76	DIODE 1SS132			
D403	8-719-940-76	DIODE 1SS132			
D404	8-719-300-03	DIODE SV-03			
D407	8-719-940-76	DIODE 1SS132			

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description
D408	8-719-940-76	DIODE 1SS132
D409	8-719-940-76	DIODE 1SS132
D410	8-719-940-76	DIODE 1SS132
D411	8-719-940-76	DIODE 1SS132
D412 ⚠	8-719-300-02	DIODE SV-02
D413	8-719-940-76	DIODE 1SS132
D414	8-719-940-76	DIODE 1SS132
D415	8-719-940-76	DIODE 1SS132
D416	8-719-940-76	DIODE 1SS132
D417	8-719-910-65	DIODE HZ7B2L
D451	8-719-910-69	DIODE HZ6C3L
D452	8-719-940-76	DIODE 1SS132
D453	8-719-940-76	DIODE 1SS132
D454	8-719-300-03	DIODE SV-03
D457	8-719-940-76	DIODE 1SS132
D458	8-719-940-76	DIODE 1SS132
D459	8-719-940-76	DIODE 1SS132
D460	8-719-940-76	DIODE 1SS132
D461	8-719-940-76	DIODE 1SS132
D462 ⚠	8-719-300-02	DIODE SV-02
D463	8-719-940-76	DIODE 1SS132
D464	8-719-940-76	DIODE 1SS132
D465	8-719-940-76	DIODE 1SS132
D466	8-719-940-76	DIODE 1SS132
D467	8-719-910-65	DIODE HZ7B2L
D501	8-719-930-12	DIODE EQB01-12Z
D502	8-719-910-69	DIODE HZ6C3L
D503	8-719-940-76	DIODE 1SS132
D505	8-719-301-49	DIODE SEL2810A
D506	8-719-301-49	DIODE SEL2810A
D507	8-719-301-49	DIODE SEL2810A
D601 ⚠	8-719-910-75	DIODE HZ9B2L
D602	8-719-910-11	DIODE HZ11A1L
D603	8-719-200-77	DIODE 10E2N
D604	8-719-940-76	DIODE 1SS132
D605	8-719-940-76	DIODE 1SS132
D701 ⚠	8-719-230-02	DIODE 30DF2
D702 ⚠	8-719-230-02	DIODE 30DF2
D703 ⚠	8-719-230-02	DIODE 30DF2
D704 ⚠	8-719-230-02	DIODE 30DF2
D705 ⚠	8-719-300-27	DIODE CTU-22S
D755 ⚠	8-719-300-25	DIODE CTU-22R
F801 ⚠	1-532-237-00	(AEP,G-AEP,UK,E)..FUSE, TIME-LAG, 3.15A
F801 ⚠	1-532-883-00	(US,Canadian).....FUSE, GLASS 6.3A
F802 ⚠	1-532-237-00	(E).....FUSE, TIME-LAG, 3.15A
F802 ⚠	1-532-286-00	(AEP,G-AEP,UK)...FUSE, TIME-LAG, 2.5A
F802 ⚠	1-532-883-00	(US,Canadian)....FUSE, GLASS 6.3A
J101	1-507-830-21	JACK, PIN 4P (ADAPTOR)
J102	1-507-830-00	JACK, PIN 4P (INPUT PHONO/TUNER)
J103	1-507-830-00	JACK, PIN 4P (INPUT/CD/AUX)
J104	1-507-831-00	JACK, PIN 6P (TAPE RECORDER 1/2)
J105	1-507-831-00	JACK, PIN 6P (TAPE RECORDER 2/3)
J601	1-507-707-00	JACK, LARGE TYPE (HEADPHONES)
IC201	8-759-602-01	(G-AEP).....IC M5220P
IC201	8-759-701-21	(EXCEPT FOR G-AEP)...IC NJM5532D-D
IC202	8-759-601-02	IC M5218P
IC601	8-759-101-23	IC UPC1237H

ELECTRICAL PARTS

Ref.No.	Part No.	Description
L101	1-413-101-00	(G-AEP)...COIL, INPUT
L102	1-413-101-00	(G-AEP)...COIL, INPUT
L151	1-413-101-00	(G-AEP)...COIL, INPUT
L152	1-413-101-00	(G-AEP)...COIL, INPUT
L401	*1-422-009-13	COIL, AIR-CORE
L402	1-422-261-11	COIL, AIR-CORE
L403	1-422-261-11	COIL, AIR-CORE
L451	*1-422-009-13	COIL, AIR-CORE
L452	1-422-261-11	COIL, AIR-CORE
L453	1-422-261-11	COIL, AIR-CORE
PTH701 ⚠1	1-806-882-11	(EXCEPT FOR G-AEP) ...THERMISTOR (POSITIVE)
PTH751 ⚠1	1-806-882-11	(EXCEPT FOR G-AEP) ...THERMISTOR (POSITIVE)
PL601	1-518-518-41	LAMP, PILOT
PL602	1-518-518-41	LAMP, PILOT
Q201	8-729-217-03	TRANSISTOR 2SK170
Q202	8-729-366-81	TRANSISTOR 2SD668
Q203	8-729-600-27	TRANSISTOR 2SC634SP
Q204	8-729-201-56	TRANSISTOR 2SK246-GR2
Q205	8-729-127-53	TRANSISTOR 2SC2275-P
Q206	8-729-201-56	TRANSISTOR 2SK246-GR2
Q207	8-729-217-03	TRANSISTOR 2SK170
Q251	8-729-217-03	TRANSISTOR 2SK170
Q252	8-729-366-81	TRANSISTOR 2SD668
Q253	8-729-600-27	TRANSISTOR 2SC634SP
Q254	8-729-201-56	TRANSISTOR 2SK246-GR2
Q255	8-729-190-53	TRANSISTOR 2SA985A
Q256	8-729-201-56	TRANSISTOR 2SK246-GR2
Q257	8-729-217-03	TRANSISTOR 2SK170
Q401	8-729-203-21	TRANSISTOR 2SK389-GR
Q402	8-729-600-27	TRANSISTOR 2SC634SP
Q403	8-729-600-27	TRANSISTOR 2SC634SP
Q404	8-729-699-51	TRANSISTOR 2SA995
Q405 ⚠	8-729-114-22	TRANSISTOR 2SA1142
Q406 ⚠	8-729-104-91	TRANSISTOR 2SA1383
Q407	8-729-201-56	TRANSISTOR 2SK246-GR2
Q408	8-729-104-18	TRANSISTOR 2SC3514
Q409	8-729-104-18	TRANSISTOR 2SC3514
Q410 ⚠	8-729-173-13	TRANSISTOR 2SB731
Q411 ⚠	8-729-180-93	TRANSISTOR 2SD809
Q412 ⚠	8-729-104-18	TRANSISTOR 2SC3514
Q413 ⚠	8-729-104-91	TRANSISTOR 2SA1383
Q414 ⚠	8-729-127-53	TRANSISTOR 2SC2275-P
Q415 ⚠	8-729-190-53	TRANSISTOR 2SA985A
Q416 ⚠	8-729-383-73	TRANSISTOR 2SC2837
Q417 ⚠	8-729-383-73	TRANSISTOR 2SC2837
Q418 ⚠	8-729-318-63	TRANSISTOR 2SA1186
Q419 ⚠	8-729-318-63	TRANSISTOR 2SA1186
Q420	8-729-108-14	TRANSISTOR 2SA988-F
Q451	8-729-203-21	TRANSISTOR 2SK389-GR
Q452	8-729-600-27	TRANSISTOR 2SC634SP
Q453	8-729-600-27	TRANSISTOR 2SC634SP
Q454	8-729-699-51	TRANSISTOR 2SA995
Q455 ⚠	8-729-114-22	TRANSISTOR 2SA1142
Q456 ⚠	8-729-104-91	TRANSISTOR 2SA1383
Q457	8-729-201-56	TRANSISTOR 2SK246-GR2
Q458	8-729-104-18	TRANSISTOR 2SC3514

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ELECTRICAL PARTS

Ref.No.	Part No.	Description
Q459	8-729-104-18	TRANSISTOR 2SC3514
Q460 ⚠	8-729-173-13	TRANSISTOR 2SB731
Q461 ⚠	8-729-180-93	TRANSISTOR 2SB809
Q462 ⚠	8-729-104-18	TRANSISTOR 2SC3514
Q463 ⚠	8-729-104-91	TRANSISTOR 2SA1383
Q464 ⚠	8-729-127-53	TRANSISTOR 2SC2275-P
Q465 ⚠	8-729-190-53	TRANSISTOR 2SA985A
Q466 ⚠	8-729-383-73	TRANSISTOR 2SC2837
Q467 ⚠	8-729-383-73	TRANSISTOR 2SC2837
Q468 ⚠	8-729-318-63	TRANSISTOR 2SA1186
Q469 ⚠	8-729-318-63	TRANSISTOR 2SA1186
Q470	8-729-108-14	TRANSISTOR 2SA988-F
Q501	8-729-612-77	TRANSISTOR 2SA1027R
Q601 ⚠	8-729-111-67	TRANSISTOR 2SB1094-L
Q602 ⚠	8-729-364-72	TRANSISTOR 2SB647
Q603	8-729-103-43	TRANSISTOR 2SB734
Q604	8-729-103-43	TRANSISTOR 2SB734
Q605	8-729-108-05	TRANSISTOR 2SC1841-PA
R101	1-246-545-00	CARBON 1M 1/4W
R102	1-246-545-00	CARBON 1M 1/4W
R103	1-246-545-00	CARBON 1M 1/4W
R104	1-246-545-00	CARBON 1M 1/4W
R105	1-246-545-00	CARBON 1M 1/4W
R106	1-246-545-00	CARBON 1M 1/4W
R107	1-247-713-11	CARBON 1K 1/4W
R108	1-247-713-11	CARBON 1K 1/4W
R109	1-247-713-11	CARBON 1K 1/4W
R110	1-247-713-11	(G-AEP).....CARBON 1K 1/2W
R110	1-247-739-11	(EXCEPT FOR G-AEP)..CARBON 100 1/2W
R111	1-247-706-11	(G-AEP)....CARBON 330 1/4W
R112	1-247-706-11	(G-AEP)....CARBON 330 1/4W
R151	1-246-545-00	CARBON 1M 1/4W
R152	1-246-545-00	CARBON 1M 1/4W
R153	1-246-545-00	CARBON 1M 1/4W
R154	1-246-545-00	CARBON 1M 1/4W
R155	1-246-545-00	CARBON 1M 1/4W
R156	1-246-545-00	CARBON 1M 1/4W
R157	1-247-713-11	CARBON 1K 1/4W
R158	1-247-713-11	CARBON 1K 1/4W
R159	1-247-713-11	CARBON 1K 1/4W
R160	1-247-713-11	(G-AEP).....CARBON 1K 1/2W
R160	1-247-739-11	(EXCEPT FOR G-AEP)...CARBON 100 1/2W
R161	1-247-706-11	(G-AEP)....CARBON 330 1/4W
R162	1-247-706-11	(G-AEP)....CARBON 330 1/4W
R201	1-249-465-11	CARBON 47K 1/4W
R202	1-247-706-11	CARBON 330 1/4W
R203	1-247-700-11	(G-AEP).....CARBON 100 1/4W
R203	1-247-713-11	(EXCEPT FOR G-AEP)...CARBON 1K 1/4W
R204	1-247-700-11	(EXCEPT FOR G-AEP)...CARBON 100 1/4W
R204	1-249-516-91	(G-AEP).....CARBON 33 1/4W
R205	1-247-128-00	CARBON 750 1/4W
R206	1-247-128-00	CARBON 750 1/4W
R207	1-247-700-11	CARBON 100 1/4W
R208	1-247-708-11	CARBON 470 5% 1/4W
R209	1-247-695-11	CARBON 39 5% 1/4W
R210	1-247-704-11	CARBON 220 5% 1/4W
R211	1-247-721-11	CARBON 4.7K 5% 1/4W
R212	1-214-937-00	CARBON 1M 1/2W
R213	1-249-565-11	CARBON 3.6K 1/4W

ELECTRICAL PARTS

Ref.No.	Part No.	Description
R214	1-214-906-00	METAL 51K 1% 1/2W
R215	1-214-878-00	METAL 3.9K 1% 1/2W
R216	1-247-744-11	CARBON 270 1/2W
R217	1-206-458-00	CARBON 6.2 5% 1/3W
R218	1-247-215-00	CARBON 91 1/2W
R219	1-247-704-11	CARBON 220 1/4W
R220	1-247-725-11	CARBON 10K 5% 1/4W
R221	1-247-704-11	CARBON 220 5% 1/4W
R222	1-247-719-11	CARBON 3.3K 5% 1/4W
R251	1-249-465-11	CARBON 47K 1/4W
R252	1-247-706-11	CARBON 330 1/4W
R253	1-247-700-11	(G-AEP)....CARBON 100 1/4W
R253	1-247-713-11	(EXCEPT FOR G-AEP) ...CARBON 1K 1/4W
R254	1-247-700-11	(EXCEPT FOR G-AEP) ...CARBON 100 1/4W
R254	1-249-516-91	(G-AEP)....CARBON 33 1/4W
R255	1-247-128-00	CARBON 750 1/4W
R256	1-247-128-00	CARBON 750 1/4W
R257	1-247-700-11	CARBON 100 1/4W
R258	1-247-708-11	CARBON 470 5% 1/4W
R259	1-247-695-11	CARBON 39 5% 1/4W
R260	1-247-704-11	CARBON 220 5% 1/4W
R261	1-247-721-11	CARBON 4.7K 5% 1/4W
R262	1-214-937-00	CARBON 1M 1/2W
R263	1-249-565-11	CARBON 3.6K 1/4W
R264	1-214-906-00	METAL 51K 1% 1/2W
R265	1-214-878-00	METAL 3.9K 1% 1/2W
R266	1-247-744-11	CARBON 270 1/2W
R267	1-206-458-00	CARBON 6.2 5% 1/3W
R268	1-247-215-00	CARBON 91 1/2W
R269	1-247-704-11	CARBON 220 1/4W
R270	1-247-725-11	CARBON 10K 5% 1/4W
R271	1-247-704-11	CARBON 220 5% 1/4W
R272	1-247-719-11	CARBON 3.3K 5% 1/4W
R302	1-249-465-11	CARBON 47K 1/4W
R303	1-247-721-11	CARBON 4.7K 1/4W
R304	1-247-722-11	CARBON 5.6K 1/4W
R305	1-247-717-11	CARBON 2.2K 1/4W
R306	1-249-466-11	CARBON 56K 1/4W
R307	1-247-725-11	CARBON 10K 1/4W
R308	1-249-465-11	CARBON 47K 1/4W
R309	1-249-465-11	CARBON 47K 1/4W
R310	1-202-727-00	CARBON 4.7M 5% 1/3W
R311	1-202-727-00	CARBON 4.7M 5% 1/3W
R312	1-202-727-00	CARBON 4.7M 5% 1/3W
R313	1-202-727-00	CARBON 4.7M 5% 1/3W
R314	1-202-727-00	CARBON 4.7M 5% 1/3W
R315	1-202-727-00	CARBON 4.7M 5% 1/3W
R352	1-249-465-11	CARBON 47K 1/4W
R353	1-247-721-11	CARBON 4.7K 1/4W
R354	1-247-722-11	CARBON 5.6K 1/4W
R355	1-247-717-11	CARBON 2.2K 1/4W
R356	1-249-466-11	CARBON 56K 1/4W
R357	1-247-725-11	CARBON 10K 1/4W
R358	1-249-465-11	CARBON 47K 1/4W

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ELECTRICAL PARTS

Ref.No.	Part No.	Description				
R359	1-249-465-11	CARBON	47K		1/4W	
R360	1-202-727-00	CARBON	4.7M	5%	1/3W	
R361	1-202-727-00	CARBON	4.7M	5%	1/3W	
R362	1-202-727-00	CARBON	4.7M	5%	1/3W	
R363	1-202-727-00	CARBON	4.7M	5%	1/3W	
R364	1-202-727-00	CARBON	4.7M	5%	1/3W	
R365	1-202-727-00	CARBON	4.7M	5%	1/3W	
R401	1-202-727-00	CARBON	4.7M	5%	1/3W	
R402	1-247-713-11	CARBON	1K		1/4W	
R403	1-247-692-11	CARBON	22	5%	1/4W	
R404	1-247-692-11	CARBON	22	5%	1/4W	
R405	1-247-717-11	CARBON	2.2K	5%	1/4W	
R406	1-247-704-11	CARBON	220		1/4W	
R407	1-247-700-11	CARBON	100		1/4W	
R408	1-247-704-11	CARBON	220		1/4W	
R409	1-247-704-11	CARBON	220		1/4W	
R410	1-246-545-00	CARBON	1M		1/4W	
R412 ⚠	1-217-440-00	FUSIBLE	33	5%	1/2W	F
R413	1-249-490-11	CARBON	27K	5%	1/2W	
R414	1-247-704-11	CARBON	220	5%	1/4W	
R415	1-246-531-00	CARBON	270K		1/4W	
R416	1-247-740-11	CARBON	120		1/2W	
R417	1-249-486-11	CARBON	12K		1/2W	
R418	1-247-764-11	CARBON	10K		1/2W	
R419	1-202-727-00	CARBON	4.7M	5%	1/3W	
R420	1-247-715-11	CARBON	1.5K	5%	1/4W	
R421	1-247-721-11	CARBON	4.7K	5%	1/4W	
R422 ⚠	1-217-446-00	FUSIBLE	100	5%	1/2W	F
R423 ⚠	1-247-710-11	CARBON	560	5%	1/4W	
R424	1-247-718-11	CARBON	2.7K	5%	1/4W	
R425	1-247-710-11	CARBON	560	5%	1/4W	
R426 ⚠	1-217-454-00	FUSIBLE	470	5%	1/2W	F
R427 ⚠	1-217-434-00	FUSIBLE	10	5%	1/2W	F
R428 ⚠	1-217-434-00	FUSIBLE	10	5%	1/2W	F
R429 ⚠	1-217-446-00	FUSIBLE	100	5%	1/2W	F
R430 ⚠	1-217-434-00	FUSIBLE	10	5%	1/2W	F
R431 ⚠	1-217-434-00	FUSIBLE	10	5%	1/2W	F
R432 ⚠	1-217-434-00	FUSIBLE	10	5%	1/2W	F
R433 ⚠	1-217-434-00	FUSIBLE	10	5%	1/2W	F
R434 ⚠	1-217-151-00	RES, METAL PLATE 0.22				
R435 ⚠	1-217-151-00	RES, METAL PLATE 0.22				
R436 ⚠	1-217-151-00	RES, METAL PLATE 0.22				
R437 ⚠	1-217-151-00	RES, METAL PLATE 0.22				
R438 ⚠	1-247-692-11	CARBON	22	5%	1/4W	F
R439 ⚠	1-247-692-11	CARBON	22	5%	1/4W	F
R440 ⚠	1-247-715-11	CARBON	1.5K	5%	1/4W	F
R441	1-249-460-11	CARBON	15K	5%	1/4W	
R442 ⚠	1-217-582-00	CEMENTED	8.2	10%	5W	
R443	1-247-727-11	CARBON	10	5%	1/2W	
R444 ⚠	1-217-446-00	FUSIBLE	100	5%	1/2W	F
R445 ⚠	1-217-446-00	FUSIBLE	100	5%	1/2W	F
R446 ⚠	1-216-431-11	METAL OXIDE	560	5%	1W	F
R447 ⚠	1-217-426-00	FUSIBLE	2.2	5%	1/2W	F
R448 ⚠	1-217-426-00	FUSIBLE	2.2	5%	1/2W	F
R449 ⚠	1-247-688-11	(G-AEP)...CARBON	10	5%	1/4W	F
R451	1-202-727-00	CARBON	4.7M	5%	1/3W	
R452	1-247-713-11	CARBON	1K		1/4W	

ELECTRICAL PARTS

Ref.No.	Part No.	Description				
R453	1-247-692-11	CARBON	22	5%	1/4W	
R454	1-247-692-11	CARBON	22	5%	1/4W	
R455	1-247-717-11	CARBON	2.2K	5%	1/4W	
R456	1-247-704-11	CARBON	220		1/4W	
R457	1-247-700-11	CARBON	100		1/4W	
R458	1-247-704-11	CARBON	220		1/4W	
R459	1-247-704-11	CARBON	220		1/4W	
R460	1-246-545-00	CARBON	1M		1/4W	
R462 ⚠	1-217-440-00	FUSIBLE	33	5%	1/2W	F
R463	1-249-490-11	CARBON	27K	5%	1/2W	
R464	1-247-704-11	CARBON	220	5%	1/4W	
R465	1-246-531-00	CARBON	270K		1/4W	
R466	1-247-740-11	CARBON	120		1/2W	
R467	1-249-486-11	CARBON	12K		1/2W	
R468	1-247-764-11	CARBON	10K		1/2W	
R469	1-202-727-00	CARBON	4.7M	5%	1/3W	
R470	1-247-715-11	CARBON	1.5K	5%	1/4W	
R471	1-247-721-11	CARBON	4.7K	5%	1/4W	
R472 ⚠	1-217-446-00	FUSIBLE	100	5%	1/2W	F
R473 ⚠	1-247-710-11	CARBON	560	5%	1/4W	
R474	1-247-718-11	CARBON	2.7K	5%	1/4W	
R475	1-247-710-11	CARBON	560	5%	1/4W	
R476 ⚠	1-217-454-00	FUSIBLE	470	5%	1/2W	F
R477 ⚠	1-217-434-00	FUSIBLE	10	5%	1/2W	F
R478 ⚠	1-217-434-00	FUSIBLE	10	5%	1/2W	F
R479 ⚠	1-217-446-00	FUSIBLE	100	5%	1/2W	F
R480 ⚠	1-217-434-00	FUSIBLE	10	5%	1/2W	F
R481 ⚠	1-217-434-00	FUSIBLE	10	5%	1/2W	F
R482 ⚠	1-217-434-00	FUSIBLE	10	5%	1/2W	F
R483 ⚠	1-217-434-00	FUSIBLE	10	5%	1/2W	F
R484 ⚠	1-217-151-00	RES, METAL PLATE 0.22				
R485 ⚠	1-217-151-00	RES, METAL PLATE 0.22				
R486 ⚠	1-217-151-00	RES, METAL PLATE 0.22				
R487 ⚠	1-217-151-00	RES, METAL PLATE 0.22				
R488 ⚠	1-247-692-11	CARBON	22	5%	1/4W	F
R489 ⚠	1-247-692-11	CARBON	22	5%	1/4W	F
R490 ⚠	1-247-715-11	CARBON	1.5K	5%	1/4W	F
R491	1-249-460-11	CARBON	15K	5%	1/4W	
R492 ⚠	1-217-582-00	CEMENTED	8.2	10%	5W	
R493	1-247-727-11	CARBON	10	5%	1/2W	
R494 ⚠	1-217-446-00	FUSIBLE	100	5%	1/2W	F
R495 ⚠	1-217-446-00	FUSIBLE	100	5%	1/2W	F
R496 ⚠	1-216-431-11	METAL OXIDE	560	5%	1W	F
R497 ⚠	1-217-426-00	FUSIBLE	2.2	5%	1/2W	F
R498 ⚠	1-217-426-00	FUSIBLE	2.2	5%	1/2W	F
R499 ⚠	1-247-688-11	(G-AEP)...CARBON	10	5%	1/4W	F
R504	1-247-724-11	CARBON	8.2K	5%	1/4W	
R505 ⚠	1-247-120-00	CARBON	360	5%	1/4W	F
R506 ⚠	1-216-430-11	METAL OXIDE	390	5%	1W	F
R507 ⚠	1-213-142-00	METAL OXIDE	820	5%	1W	F
R601	1-246-533-00	CARBON	330K		1/4W	
R602	1-246-529-00	CARBON	220K		1/4W	
R603	1-247-725-11	CARBON	10K	5%	1/4W	
R604	1-246-533-00	(G-AEP)...CARBON	330K		1/4W	
R604	1-249-461-11	(EXCEPT FOR G-AEP) ...CARBON	18K	5%	1/4W	

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ELECTRICAL PARTS

Ref.No.	Part No.	Description				
R605	1-246-531-00	CARBON	270K	5%	1/4W	
R606	1-249-460-11	CARBON	15K	5%	1/4W	
R607	1-249-462-11	CARBON	22K	5%	1/4W	
R608	1-249-462-11	CARBON	22K	5%	1/4W	
R609	1-247-721-11	CARBON	4.7K	5%	1/4W	
R610	⚠1-206-640-00	METAL OXIDE	100	5%	2W	F
R611	⚠1-206-640-00	METAL OXIDE	100	5%	2W	F
R612	⚠1-213-131-00	METAL OXIDE	100	5%	1W	F
R614	⚠1-249-489-11	CARBON	22K	5%	1/2W	F
R615	⚠1-216-455-11	METAL OXIDE	560	5%	2W	F
R616	⚠1-216-455-11	METAL OXIDE	560	5%	2W	F
R617	⚠1-213-132-00	METAL OXIDE	120	5%	1W	F
R618	⚠1-213-141-00	METAL OXIDE	680	5%	1W	F
R619	1-249-462-11	CARBON	22K	5%	1/4W	
R620	1-249-462-11	CARBON	22K	5%	1/4W	
R621	1-247-128-00	CARBON	750	5%	1/4W	
R630	⚠1-217-434-00	(G-AEP)...FUSIBLE	10	5%	1/2W	F
R651	1-246-533-00	CARBON	330K		1/4W	
R680	⚠1-217-434-00	(G-AEP)...FUSIBLE	10	5%	1/2W	F
R701	⚠1-213-086-00	FUSIBLE	120	5%	1W	F
R751	⚠1-213-086-00	FUSIBLE	120	5%	1W	F
RT401	1-224-550-21	RES, ADJ, SOLID 220 (OFF SET)				
RT402	1-224-248-XX	RES, ADJ, SOLID 470 (BIAS)				
RT451	1-224-550-21	RES, ADJ, SOLID 220 (OFF SET)				
RT452	1-224-248-XX	RES, ADJ, SOLID 470 (BIAS)				
RY201	1-515-495-00	RELAY				
RY301	1-515-495-00	RELAY				
RY601	1-515-503-00	RELAY				
RY602	1-515-356-00	RELAY				
RY603	1-515-356-00	RELAY				
S101	1-554-879-11	SWITCH, SLIDE(INPUT SELECTOR)				
S102	1-570-593-11	SWITCH, SLIDE(REMOTE TYPE) (TAPE SELECTOR)				
S103	1-570-076-11	SWITCH, SLIDE (REMOTE TYPE) (REC OUT SELECTOR)				
S104	1-516-785-XX	SWITCH, SLIDE (ADAPTOR)				
S201	1-554-019-00	SWITCH, SLIDE (REMOTE TYPE) (CARTRIDGE LOAD)				
S301	1-570-594-11	SWITCH, PUSH (2 KEY)(MUTING)				
S302	1-570-595-11	SWITCH, PUSH (1 KEY)(SUB SONIC)				
S303	1-570-596-11	SWITCH, PUSH (3 KEY)(TONE)				
S304	1-570-594-11	SWITCH, PUSH (2 KEY)(SOURCE DIRECT)				
S305	1-570-596-11	SWITCH, PUSH (3 KEY)(TURNOVER)				
S306	1-570-596-11	SWITCH, PUSH (3 KEY)(TURNOVER)				
S501	1-570-592-11	SWITCH, ROTARY (MODE)				
S601	1-554-876-11	SWITCH, ROTARY (SPEAKER)				

ELECTRICAL PARTS

Ref.No.	Part No.	Description
S801	⚠1-552-084-00	(E).....SWITCH, PUSHBUTTON (POWER)
S801	⚠1-552-246-00	(US,Canadian)....SWITCH, PUSHBUTTON (POWER)
S801	⚠1-554-880-11	(AEP,G-AEP,UK)...SWITCH, PUSHBUTTON (POWER)
T1	⚠1-448-631-11	(UK,G-AEP).....TRANSFORMER, POWER
T1	⚠1-448-632-11	(E).....TRANSFORMER, POWER
T1	⚠1-448-633-11	(US,Canadian)...TRANSFORMER, POWER
T1	⚠1-448-634-11	(AEP).....TRANSFORMER, POWER
VR301	1-237-113-11	RES, VAR, CARBON 150K/150K (BALANCE)
VR302	1-237-174-11	RES, VAR, CARBON 250K/250K (TREBLE)
VR303	1-237-173-11	RES, VAR, CARBON 1M/500K/1M/500K (BASS)
VR304	1-237-175-11	RES, VAR, CARBON 120K/120K (ATTENUATOR)
VS801	⚠1-526-576-31	(E)...SELECTOR, POWER VOLTAGE

ACCESSORY & PACKING MATERIAL

Part No.	Description
⚠1-526-565-00	(E)....AC PLUG ADAPTOR
2-297-403-00	SHEET (LARGE), PROTECTION
3-701-630-00	BAG, POLYETHYLENE
3-765-111-12	MANUAL, INSTRUCTION
4-908-877-01	CUSHION
4-908-883-01	SPACER
4-908-893-01	(E)...INDIVIDUAL CARTON
4-916-749-01	(EXCEPT FOR E)...INDIVIDUAL CARTON

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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9-952-727-11
(including 9-952-363-11)